

TILING

PRODUCT GUIDE



www.kelmore.co.uk



Kelmores Ltd is a UK based manufacturer of high-quality products for the tiling and flooring industries. We are very much a family run business with family values, where employees and customers are equally considered extended family, and cared for as such.

Always mindful of the environment and looking to reduce our CO₂ emissions wherever possible, we manufacture to the highest of standards using unique technologies, extensive knowledge and outstanding raw materials. Our state of the art, automated machinery, coupled with meticulous quality control procedures, ensures that the products are of a high standard, consistent and plentiful.

Priding ourselves on doing all we can to help you and your business, we will continuously strive to exceed your demands and expectations. Our customer service and after sales support, which is enhanced by having a dedicated technical support team, are easily contactable and there when you need them.

Throughout the following pages you will find information on the Kelmores range of products. Please feel free to contact us if you have any questions or enquiries, it would be our pleasure to provide you with further information on our business or product offering.

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PrimeMore Universal

A high performance primer for porous backgrounds



Kelmore's PrimeMore Universal is a primer designed for use on porous/ absorbent wall and floor backgrounds prior to applying tile adhesives or levelling and smoothing compounds. PrimeMore Universal regulates the porosity of the background, enhancing the workability, adhesion and strength of subsequently applied Kelmore products. When backgrounds are sufficiently primed using PrimeMore Universal, the surface finish of levelling and smoothing compounds will also be significantly improved. To help achieve total and uniform coverage, PrimeMore Universal is pigmented blue for enhanced visibility during application.

| | |
|--|---|
| Pack Sizes | 1 litre and 5 litres |
| Colour | Blue |
| Dilution Ratio (by volume) | 1:3 (1 part PrimeMore Universal to 3 parts clean water) |
| Application Temperature (air and background) | ≥ 5°C |
| Drying Time (@20°C) | Approximately 30 minutes |
| Coverage per litre (diluted 1:3) | Approximately 30m ² - 44m ² |

Areas of Use

| | | | | |
|-------|--------|----------|----------|------------------------------|
| Walls | Floors | Interior | Exterior | Porous/Absorbent Backgrounds |
|-------|--------|----------|----------|------------------------------|

Suitable Backgrounds

| | | | |
|-----------------------|----------------------------------|---------------------------|--------------------|
| Cement:Sand Render | Cement:Sand Screed (inc. Heated) | Concrete | Concrete Blockwork |
| Plaster (Finish Coat) | Plasterboard | Plywood Overlay (Class 3) | Tile Backer Boards |

Prime these backgrounds with one coat of PrimeMore Universal diluted 1:3 by volume with clean, cold water. Depending on the porosity of the background, additional coats may be required.

All priming coats must be allowed to dry before applying additional coats, and before applying tile adhesive or levelling and smoothing compounds.

For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmore.co.uk or by scanning the QR code.



PrimeMore Grip

A bond promoting primer for non-porous backgrounds



Kelmor's PrimeMore Grip is a ready to use, one coat, bond promoting primer. Designed to adhere to non-porous internal wall and floor backgrounds, this product dries with a textured, keyed surface enabling strong adhesion of subsequently applied adhesives, and levelling and smoothing compounds. To help achieve total and uniform coverage, PrimeMore Grip is pigmented green for enhanced visibility during application.

| | |
|--|----------------------------------|
| Pack Sizes | 1kg and 5kg |
| Colour | Green |
| Application Temperature (air and background) | ≥ 5°C |
| Drying Time (@20°C) | Approximately 45 minutes |
| Coverage per kg | Approximately 12.5m ² |

Areas of Use

| | | | |
|--------|-------|----------|------------------------|
| Floors | Walls | Interior | Non-Porous Backgrounds |
|--------|-------|----------|------------------------|

Suitable Backgrounds

| | | | | |
|--------------------------|-----------|---|-------------------------|---------------|
| Asphalt (Flooring Grade) | Epoxy DPM | *Existing Ceramic, Porcelain, and Natural Stone Tiles | Existing Vinyl Flooring | Metal (Steel) |
|--------------------------|-----------|---|-------------------------|---------------|

Prime these backgrounds with one neat, undiluted coat of PrimeMore Grip. The primer must be allowed to dry before applying tile adhesive or levelling and smoothing compounds.

*Do not tile over existing wall tiling unless ascertained safe to do so. Confirmation that the existing tiles are well adhered to a sound background capable of carrying the additional load must be evidenced.

For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmor.co.uk or by scanning the QR code.



PrimeMore CS

A specialist primer for use on
calcium sulphate/anhydrite screeds



Kelmore's PrimeMore CS is a ready to use, one coat primer for use on calcium sulphate/anhydrite screeds with a moisture content no greater than 85% Relative Humidity (RH). PrimeMore CS penetrates and seals the screed's surface creating a barrier, eliminating any adverse reaction with cementitious adhesives and flooring compounds. PrimeMore CS also improves the workability, adhesion, and strength of subsequently applied products. To help achieve total and uniform coverage, PrimeMore CS is pigmented red for enhanced visibility during application.

| | |
|--|----------------------------------|
| Pack Size | 5 litres |
| Colour | Red |
| Application Temperature (air and background) | ≥ 5°C |
| Drying Time (@20°C) | Approximately 60 minutes |
| Coverage per 5 litres | Approximately 32.5m ² |

Areas of Use

Floors

Interior

Calcium Sulphate/Anhydrite Screeds

Suitable Subfloors

Calcium Sulphate/Anhydrite Screeds (inc. Heated)

Prime the screed with one neat, undiluted coat of PrimeMore CS. The primer must be allowed to dry before applying levelling and smoothing compounds or commencing tiling.

For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmore.co.uk or by scanning the QR code.



One Coat DPM Fast

A fast drying 2-part epoxy damp proof membrane



Kelmore's One Coat DPM Fast is a 2 part, epoxy damp proof membrane and residual moisture suppressant. This solvent free product cures in approximately 4½ hours, creating a surface membrane able to withstand moisture in cementitious screeds and concrete up to 98% Relative Humidity (RH) and up to 90% RH in calcium sulphate screeds. By regulating the application thickness, the product can either be used to create a damp proof membrane able to combat rising damp, or to suppress residual moisture. One Coat DPM Fast can also be used on heated screeds and once cured has excellent resistance to not only water, but grease, oil, aqueous salt solution and dilute mineral and organic acids.

| | | |
|--|--------------|---|
| Pack Sizes | 5kg and 10kg | |
| Colour | Blue | |
| Application Temperature (air and background) | ≥ 10°C | |
| @20°C | Working time | 20 minutes |
| | Cure time | Approx. 4½ hours |
| Approximate Coverage | A2 trowel | 5kg = 12.5m ² 10kg = 25m ² |
| | B1 trowel | 5kg = 10.5m ² 10kg = 21m ² |
| | B2 trowel | 5kg = 9m ² 10kg = 18m ² |

Areas of Use

| | | | | | |
|--------|----------|----------|----------|------------|----------------|
| Floors | Interior | Exterior | Domestic | Commercial | Heated Screeds |
|--------|----------|----------|----------|------------|----------------|

Suitable Backgrounds

| | | |
|----------------------------------|--|--|
| Cement:Sand Screed (inc. Heated) | Calcium Sulphate/Anhydrite Screed (inc. Heated) | Kelmore's Moisture Tolerant Levelling and Smoothing Compounds (LevelMore Flex&Fibre, Pro, and Absolute 30) |
| Concrete | Existing Ceramic, Porcelain, and Natural Stone Tiles | |

For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmore.co.uk or by scanning the QR code.



Waterproofing Kit

Protects moisture sensitive wall and floor backgrounds prior to tiling



Kelmore's Waterproofing Kit contains a ready to use, rapid drying, liquid membrane designed to protect moisture sensitive wall and floor backgrounds in wet areas prior to tiling. Used in conjunction with Kelmore's reinforcing tape and preformed corners, this highly polymer modified paste, once dry creates an extremely flexible waterproof layer, protecting backgrounds from potential water damage. Only requiring a single coat application, this self-priming, quick drying product enables tiles to be fixed after only 3 hours.

Waterproofing Kit contents

Waterproofing Paste 2.5kg
Reinforcing Tape 10m
Internal Corners x 2
A pair of disposable gloves

| | |
|--|---------------------------|
| Colour | Light Grey |
| Application Temperature (air and background) | ≥ 5°C |
| Application Thickness | Approximately 1mm |
| Tile after (@20°C) | 3 hours |
| Consumption per mm thickness | 0.38kg/m ² |
| Coverage per pack size | 2.5kg = 6.5m ² |

Areas of Use

| | | | | | | |
|-------|--------|----------|----------|------------|---------|-----------|
| Walls | Floors | Interior | Domestic | Commercial | Showers | Wet Rooms |
|-------|--------|----------|----------|------------|---------|-----------|

Suitable Wall Backgrounds

| | | | |
|--------------------|-----------------------|--------------|--------------------|
| Cement:Sand Render | Plaster (Finish Coat) | Plasterboard | Tile Backer Boards |
|--------------------|-----------------------|--------------|--------------------|

Suitable Floor Backgrounds

| | | | | | |
|----------------------------------|----------|--|--|---------------------------|--------------------|
| Cement:Sand Screed (inc. Heated) | Concrete | Calcium Sulphate/ Anhydrite Screed (inc. Heated) | Existing Ceramic, Porcelain, and Natural Stone Tiles | Plywood Overlay (Class 3) | Tile Backer Boards |
|----------------------------------|----------|--|--|---------------------------|--------------------|

For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmore.co.uk or by scanning the QR code.



Kelmore Repair Mortar

A moisture tolerant, ultra-rapid setting,
ultra-rapid drying mortar

Kelmore's Repair Mortar is a moisture tolerant, ultra-rapid setting and drying mortar. Suitable for horizontal and vertical applications and able to be applied from 2mm to 50mm, this non-slumping mortar can be used for interior and exterior applications. Kelmore Repair Mortar can be used to repair, fill and patch backgrounds, as well as to form ramps and falls. This ultra-rapid drying product can be covered with a levelling and smoothing compound after 45 minutes or tiled with porcelain, ceramic, and natural stone tiles after 60 minutes.



| | | | | | | | | | |
|---|--|----------------------|----------------------|-------------------|---------------------|---|------------|------------|------------|
| Classification (EN 13813) | CT-C30-F6 | | | | | | | | |
| Pack Size | 11kg | | | | | | | | |
| Powder to water ratio (by volume) | Approximately 3½:1 (3½ parts powder to 1 part water) | | | | | | | | |
| Application Temperature (air and background) | ≥ 5°C | | | | | | | | |
| Application Thickness | 2mm to 50mm | | | | | | | | |
| @20°C | <table border="1"> <tr> <td>Working time</td> <td>15 minutes</td> </tr> <tr> <td>Hard set</td> <td>30 minutes</td> </tr> <tr> <td>Apply levelling and smoothing compounds after</td> <td>45 minutes</td> </tr> <tr> <td>Tile after</td> <td>60 minutes</td> </tr> </table> | Working time | 15 minutes | Hard set | 30 minutes | Apply levelling and smoothing compounds after | 45 minutes | Tile after | 60 minutes |
| Working time | 15 minutes | | | | | | | | |
| Hard set | 30 minutes | | | | | | | | |
| Apply levelling and smoothing compounds after | 45 minutes | | | | | | | | |
| Tile after | 60 minutes | | | | | | | | |
| Coverage per 11kg bag (approximate) | 3.46m ² (2mm thick) 0.14m ² (50mm thick) | | | | | | | | |
| After 28 Days | <table border="1"> <tr> <td>Compressive Strength</td> <td>30 N/mm²</td> </tr> <tr> <td>Flexural Strength</td> <td>6 N/mm²</td> </tr> </table> | Compressive Strength | 30 N/mm ² | Flexural Strength | 6 N/mm ² | | | | |
| Compressive Strength | 30 N/mm ² | | | | | | | | |
| Flexural Strength | 6 N/mm ² | | | | | | | | |

Areas of Use

| | | | | |
|--------|-------------------------|----------|------------|----------------------------|
| Walls | Horizontal Applications | Interior | Domestic | Below Damp Proof Membranes |
| Floors | Vertical Applications | Exterior | Commercial | Heated Screeds |

Suitable Backgrounds

| Suitable Backgrounds | | | | PRIMER REQUIRED |
|---|-----------|----------------------|--|-----------------------|
| *Cement/Sand Screed (inc. Heated) | *Concrete | *Cement: Sand Render | *Concrete Blockwork | NONE REQUIRED |
| B Pre-cast Concrete | | | | PrimeMore Grip |
| *Where required, the porosity of the background can be regulated by dampening the surface with clean water prior to applying Kelmore Repair Mortar. | | | B Prime with one neat, undiluted coat of PrimeMore Grip. Allow the primer to dry before applying Kelmore Repair Mortar. | |

For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmore.co.uk or by scanning the QR code.



Levelling and Smoothing

LevelMore
Flex&Fibre

LevelMore
Rapid 30

TECHNICAL INFORMATION

| | | | |
|----------------------------|--------------|------------|------------|
| Application Thickness (mm) | | 2 - 50 | 2 - 30 |
| @20°C | Working time | 20 minutes | 15 minutes |
| | Walk on | 90 minutes | 30 minutes |
| | Tile after | 2 hours | 45 minutes |

AREAS OF USE

| | | |
|--------------------------------|----|----|
| Interior | ✓ | ✓ |
| Exterior | ✓ | ✗ |
| Domestic | ✓ | ✓ |
| Commercial | ✓ | ✓ |
| Below Damp Proof Membranes | ✓ | ✗ |
| Water Piped Underfloor Heating | ✓* | ✓* |
| Electric Underfloor Heating | ✓ | ✓ |
| Minor Vibration | ✓ | ✓ |
| Limited Movement | ✓ | ✓ |
| Wearing Surface | ✓ | ✗ |

BACKGROUNDS *(Priming information can be found on the*

| | | |
|---|---|---|
| Cement:Sand Screed (inc. Heated) | ✓ | ✓ |
| Concrete | ✓ | ✓ |
| Plywood Overlay (Class 3) | ✓ | ✓ |
| Tile Backer Boards | ✓ | ✓ |
| Asphalt (Flooring Grade) | ✓ | ✓ |
| Epoxy Damp Proof Membranes | ✓ | ✓ |
| Existing Ceramic, Porcelain, and Natural Stone Tiles | ✓ | ✓ |
| Metal (Steel) | ✓ | ✗ |
| Calcium Sulphate/Anhydrite Screed (inc. Heated) | ✓ | ✓ |

Key

✓ Suitable ✗ Not suitable ● Heated screeds only

* Check with Kelmore Technical for suitability with specific

Compound Selector

| LevelMore Flow | LevelMore Pro | LevelMore Absolute 30 | LevelMore Contract |
|-------------------------------|---------------|-----------------------|--------------------|
| 2 – 25 | 2 – 20 | 2 – 20 | 2 – 12 |
| 25 minutes | 20 minutes | 15 minutes | 25 minutes |
| 2 hours | 90 minutes | 30 minutes | 2 hours |
| 3 hours | 2 hours | 45 minutes | 4 hours |
| ✓ | ✓ | ✓ | ✓ |
| ✗ | ✗ | ✗ | ✗ |
| ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ |
| ✗ | ✓ | ✓ | ✗ |
| ● | ✓* | ✓* | ● |
| ■ | ✓ | ✓ | ■ |
| ✗ | ✓ | ✓ | ✗ |
| ✗ | ✓ | ✓ | ✗ |
| ✗ | ✗ | ✗ | ✗ |
| <i>specific product page)</i> | | | |
| ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ |
| ✗ | ✓ | ✓ | ✗ |
| ■ | ✓ | ✓ | ■ |
| ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ |
| ■ | ✓ | ✓ | ■ |
| ✗ | ✓ | ✓ | ✗ |
| ✓ | ✓ | ✓ | ✓ |

■ On solid bases
proprietary overlay systems



LevelMore® Flex&Fibre

A flexible, fibre reinforced, rapid setting,
levelling and smoothing compound



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmore.co.uk or by scanning the QR code.



LevelMore Flex&Fibre

Kelmore's LevelMore Flex&Fibre is a flexible, fibre reinforced, rapid setting, levelling and smoothing compound which can be applied from 2mm to 50mm in a single application. Ensuring excellent workability and moisture tolerance, it is suitable for use on a wide range of subfloors, including applications below damp proof membranes. Providing superb flowing capabilities and dimensional stability, this protein free product sets with an outstanding surface finish and can be walked on after 90 minutes. Porcelain, ceramic, and natural stone tiles can be fixed after 2 hours. Highlighting its true versatility, LevelMore Flex&Fibre is suitable for interior and exterior use and can also be installed as a wearing surface.

| | | |
|--|---|---|
| Classification (EN 13813) | | CT-C25-F7 |
| Pack Size | | 20kg |
| Water required per 20kg bag | | 4.5 to 5.0 litres |
| Application Temperature (air and background) | | ≥ 5°C |
| Application Thickness | Minimum Maximum When bulked out with sharp sand | 2mm 50mm 75mm |
| @20°C | Working time Walk on Tile after | 20 minutes 90 minutes 2 hours |
| Consumption per mm thickness | | Approximately 1.55kg /m ² |
| After 28 Days | Compressive Strength Flexural Strength | 25 N/mm ² 7 N/mm ² |

Areas of Use

| Floors | Interior | Domestic | Below Damp Proof Membranes | Water Piped Underfloor Heating | Limited Movement/ Vibration |
|--------|----------|------------|----------------------------------|-----------------------------------|-----------------------------------|
| | Exterior | Commercial | | Electric Underfloor Heating | |

Suitable Floor Backgrounds

| Suitable Floor Backgrounds | | | | | PRIMER REQUIRED |
|--|-----------------------|--|--------------------------------|--|-----------------|
| A Cement:Sand Screed (inc. Heated) | A Concrete | A Plywood Overlay (Class 3) | A Tile Backer Boards | PrimeMore Universal | |
| B Asphalt (Flooring Grade) | B Epoxy DPM | B Existing Ceramic, Porcelain, and Natural Stone Tiles | B Metal (Steel) | PrimeMore Grip | |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | | PrimeMore CS |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. Depending on the porosity of the background, additional coats may be required. | | B Prime with one neat, undiluted coat of PrimeMore Grip. | | C Prime with one neat, undiluted coat of PrimeMore CS. | |
| The primer must be allowed to dry before applying LevelMore Flex&Fibre. | | | | | |

COVERAGE Will vary dependent on the texture of the background and the application thickness of the product. As a guide, a 20kg bag of LevelMore Flex&Fibre mixed with 5 litres of water will provide the following approximate coverage:

| Application Thickness | Approximate Coverage |
|-----------------------|----------------------|
| 2mm | 6.45m ² |
| 3mm | 4.3m ² |
| 5mm | 2.58m ² |
| 10mm | 1.29m ² |
| 20mm | 0.64m ² |
| 50mm | 0.25m ² |

LevelMore[®] Rapid 30

An ultra-rapid setting, flexible,
levelling and smoothing compound



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmores.co.uk or by scanning the QR code.



LevelMore Rapid 30

Kelmore's LevelMore Rapid 30 is an ultra-rapid setting, flexible, levelling and smoothing compound which can be applied from 2mm to 30mm in a single application. Suitable for use on a wide range of subfloors, this compound's ultra-rapid setting and drying properties makes it an excellent choice for time sensitive projects. Providing superb flowing capabilities and dimensional stability, this protein free product sets with an outstanding surface finish and can be walked on after just 30 minutes. Porcelain, ceramic, and natural stone tiles can be fixed after just 45 minutes.

| | | |
|--|----------------------|--------------------------------------|
| Classification (EN 13813) | | CT-C25-F7 |
| Pack Size | | 20kg |
| Water required per 20kg bag | | 4.5 to 5.0 litres |
| Application Temperature (air and background) | | ≥ 5°C |
| Application Thickness | Minimum | 2mm |
| | Maximum | 30mm |
| @20°C | Working time | 15 minutes |
| | Walk on | 30 minutes |
| | Tile after | 45 minutes |
| Consumption per mm thickness | | Approximately 1.58kg /m ² |
| After 28 Days | Compressive Strength | 25 N/mm ² |
| | Flexural Strength | 7 N/mm ² |

Areas of Use

| | | | | | |
|--------|----------|----------|------------|--------------------------------|----------------------------|
| Floors | Interior | Domestic | Commercial | Water Piped Underfloor Heating | Limited Movement/Vibration |
| | | | | Electric Underfloor Heating | |

Suitable Floor Backgrounds

PRIMER REQUIRED

| | | | | |
|--|--------------------|---|---|---------------------|
| A Cement:Sand Screed (inc. Heated) | A Concrete | A Plywood Overlay (Class 3) | A Tile Backer Boards | PrimeMore Universal |
| B Asphalt (Flooring Grade) | B Epoxy DPM | B Existing Ceramic, Porcelain, and Natural Stone Tiles | | PrimeMore Grip |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | PrimeMore CS |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. Depending on the porosity of the background, additional coats may be required. | | B Prime with one neat, undiluted coat of PrimeMore Grip. | C Prime with one neat, undiluted coat of PrimeMore CS. | |
| The primer must be allowed to dry before applying LevelMore Rapid 30. | | | | |

COVERAGE Will vary dependent on the texture of the background and the application thickness of the product. As a guide, a 20kg bag of LevelMore Rapid 30 mixed with 5 litres of water will provide the following approximate coverage:

| Application Thickness | Approximate Coverage |
|-----------------------|----------------------|
| 2mm | 6.3m ² |
| 3mm | 4.2m ² |
| 5mm | 2.5m ² |
| 10mm | 1.26m ² |
| 20mm | 0.63m ² |
| 30mm | 0.42m ² |

LevelMore[®] Flow

A free flowing, fast setting,
levelling and smoothing compound



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmores.co.uk or by scanning the QR code.



LevelMore Flow

Kelmore's LevelMore Flow is a fast setting, levelling and smoothing compound which can be applied from 2mm to 25mm in a single application. Designed for use on solid floors, including heated screeds, this dimensionally stable, superb flowing, protein free product sets with an excellent surface finish and can be walked on after 2 hours. Porcelain, ceramic, and natural stone tiles can be fixed after 3 hours.

| | | |
|--|----------------------|--------------------------------------|
| Classification (EN 13813) | | CT-C20-F6 |
| Pack Size | | 20kg |
| Water required per 20kg bag | | 4.5 to 5.0 litres |
| Application Temperature (air and background) | | ≥ 5°C |
| Application Thickness | Minimum | 2mm |
| | Maximum | 25mm |
| @20°C | Working time | 25 minutes |
| | Walk on | 2 hours |
| | Tile after | 3 hours |
| Consumption per mm thickness | | Approximately 1.58kg /m ² |
| After 28 Days | Compressive Strength | 20 N/mm ² |
| | Flexural Strength | 6 N/mm ² |

Areas of Use

| | | | | | |
|--------|----------|----------|------------|-------------|----------------|
| Floors | Interior | Domestic | Commercial | Solid Bases | Heated Screeds |
|--------|----------|----------|------------|-------------|----------------|

| Suitable Floor Backgrounds | | | | PRIMER REQUIRED |
|--|--------------------|--|---|---------------------|
| A Cement:Sand Screed (inc. Heated) | A Concrete | A Tile Backer Boards (on solid bases) | | PrimeMore Universal |
| B Asphalt (Flooring Grade) | B Epoxy DPM | B Existing Ceramic, Porcelain, and Natural Stone Tiles (on solid bases) | | PrimeMore Grip |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | PrimeMore CS |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. Depending on the porosity of the background, additional coats may be required. | | B Prime with one neat, undiluted coat of PrimeMore Grip. | C Prime with one neat, undiluted coat of PrimeMore CS. | |
| The primer must be allowed to dry before applying LevelMore Flow. | | | | |

COVERAGE Will vary dependent on the texture of the background and the application thickness of the product. As a guide, a 20kg bag of LevelMore Flow mixed with 5 litres of water will provide the following approximate coverage:

| Application Thickness | Approximate Coverage |
|-----------------------|----------------------|
| 2mm | 6.3m ² |
| 3mm | 4.2m ² |
| 5mm | 2.5m ² |
| 10mm | 1.26m ² |
| 20mm | 0.63m ² |
| 25mm | 0.5m ² |

LevelMore[®] Pro

A high performance, flexible, rapid setting, 2 part
levelling and smoothing compound



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmor.co.uk or by scanning the QR code.



LevelMore Pro

Kelmore's LevelMore Pro is a high performance, flexible, rapid setting, 2 part levelling and smoothing compound which can be applied from 2mm to 20mm in a single application. Ensuring excellent adhesion, it is suitable for use on a wide range of subfloors, most without the need to prime. Its dependable moisture tolerance also enables use below damp proof membranes. Providing superb flowing capabilities and dimensional stability, this protein free product sets with an outstanding surface finish and can be walked on after just 90 minutes. Porcelain, ceramic, and natural stone tiles can be fixed after 2 hours.

| | | |
|--|---|---|
| Classification (EN 13813) | | CT-C16-F7 |
| Unit Size | | Bag: 20kg Pouch: 4.5 litres |
| Application Temperature (air and background) | | ≥ 5°C |
| Application Thickness | Minimum Maximum | 2mm 20mm |
| @20°C | Working time Walk on Tile after | 20 minutes 90 minutes 2 hours |
| Consumption per mm thickness | | Approximately 1.58kg /m ² |
| After 28 Days | Compressive Strength Flexural Strength | 16 N/mm ² 7 N/mm ² |

Areas of Use

| | | | | |
|----------|------------|----------------------------------|-----------------------------------|-----------------------------------|
| Floors | Domestic | Below Damp Proof Membranes | Water Piped Underfloor Heating | Limited Movement/ Vibration |
| Interior | Commercial | | Electric Underfloor Heating | |

Suitable Floor Backgrounds

| Suitable Floor Backgrounds | | | | PRIMER REQUIRED |
|--|--|--|-----------------------|------------------------|
| Asphalt (Flooring Grade) | Existing Ceramic, Porcelain, and Natural Stone Tiles | Plywood Overlay (Class 3) | Tile Backer Boards | None Required |
| A Cement:Sand Screed (inc. Heated)** | | A Concrete** | | PrimeMore Universal |
| B Epoxy DPM* | B Metal (Steel) | | | PrimeMore Grip |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | PrimeMore CS |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. | B Prime with one neat, undiluted coat of PrimeMore Grip. | C Prime with one neat, undiluted coat of PrimeMore CS. | | |

The primer must be allowed to dry before applying LevelMore Pro.

*Kelmore DPM does not require priming if applying LevelMore Pro within 24 hours of application.

**Although priming is not necessary for the compound to bond to these porous backgrounds, priming is recommended to regulate background porosity and will result in improved adhesion, workability and the product's surface finish.

COVERAGE Will vary dependent on the texture of the background and the application thickness of the product. As a guide, a 20kg bag of LevelMore Pro powder mixed with 4.5 litres of LevelMore Pro liquid will provide the following approximate coverage:

| Application Thickness | Approximate Coverage |
|-----------------------|----------------------|
| 2mm | 6.3m ² |
| 3mm | 4.2m ² |
| 5mm | 2.5m ² |
| 10mm | 1.26m ² |
| 20mm | 0.63m ² |

LevelMore[®] Absolute 30

An ultra-rapid setting, high performance, 2 part
levelling and smoothing compound



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmor.co.uk or by scanning the QR code.



LevelMore Absolute 30

Kelmore's LevelMore Absolute 30 is an ultra-rapid setting, high performance, flexible, 2 part levelling and smoothing compound which can be applied from 2mm to 20mm in a single application. Ensuring excellent adhesion, it is suitable for use on a wide range of subfloors, most without the need to prime. Its dependable moisture tolerance also enables use below damp proof membranes. Providing superb flowing capabilities and dimensional stability, this protein free product sets with an outstanding surface finish and can be walked on after just 30 minutes. Porcelain, ceramic, and natural stone tiles can be fixed after only 45 minutes.

| | | |
|--|----------------------|--------------------------------------|
| Classification (EN 13813) | | CT-C16-F10 |
| Unit Size | | Bag: 20kg Pouch: 4.5 litres |
| Application Temperature (air and background) | | ≥ 5°C |
| Application Thickness | Minimum | 2mm |
| | Maximum | 20mm |
| @20°C | Working time | 15 minutes |
| | Walk on | 30 minutes |
| | Tile after | 45 minutes |
| Consumption per mm thickness | | Approximately 1.58kg /m ² |
| After 28 Days | Compressive Strength | 16 N/mm ² |
| | Flexural Strength | 10 N/mm ² |

Areas of Use

| | | | | | |
|----------|------------|------------------------|----------------------------|--------------------------------|--------------------------------|
| Floors | Domestic | Over Adhesive Residues | Below Damp Proof Membranes | Water Piped Underfloor Heating | Limited Movement/ Vibration |
| Interior | Commercial | | | Electric Underfloor Heating | |

Suitable Floor Backgrounds

| Suitable Floor Backgrounds | | | | PRIMER REQUIRED |
|--|--|---|--------------------|---|
| Asphalt (Flooring Grade) | Existing Ceramic, Porcelain, and Natural Stone Tiles | Plywood Overlay (Class 3) | Tile Backer Boards | None Required |
| A Cement:Sand Screed (inc. Heated)** | | A Concrete** | | PrimeMore Universal |
| B Epoxy DPM* | B Metal (Steel) | | | PrimeMore Grip |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | PrimeMore CS |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. | | B Prime with one neat, undiluted coat of PrimeMore Grip. | | C Prime with one neat, undiluted coat of PrimeMore CS. |
| The primer must be allowed to dry before applying LevelMore Absolute 30. | | | | |
| *Kelmore DPM does not require priming if applying LevelMore Absolute 30 within 24 hours of application. | | | | |
| **Although priming is not necessary for the compound to bond to these porous backgrounds, priming is recommended to regulate background porosity and will result in improved adhesion, workability and the product's surface finish. | | | | |

COVERAGE Will vary dependent on the texture of the background and the application thickness of the product. As a guide, a 20kg bag of LevelMore Absolute 30 powder mixed with 4.5 litres of Absolute 30 liquid will provide the following approximate coverage:

| Application Thickness | Approximate Coverage |
|-----------------------|----------------------|
| 2mm | 6.3m ² |
| 3mm | 4.2m ² |
| 5mm | 2.5m ² |
| 10mm | 1.26m ² |
| 20mm | 0.63m ² |

LevelMore[®] Contract

A multi-purpose, fast setting, 2 part
levelling and smoothing compound



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmor.co.uk or by scanning the QR code.



LevelMore Contract

Kelmore's LevelMore Contract is a multi-purpose, fast setting, 2 part levelling and smoothing compound which can be applied from 2mm to 12mm in a single application. Designed for use on solid floors, including heated screeds, this dimensionally stable, superb flowing, protein free product sets with an excellent surface finish and can be walked on after 2 hours. Porcelain, ceramic, and natural stone tiles can be fixed after 4 hours.

| | | |
|--|----------------------|--------------------------------------|
| Classification (EN 13813) | | CT-C20-F7 |
| Unit Size | | Bag: 20kg Pouch: 4.5 litres |
| Application Temperature (air and background) | | ≥ 5°C |
| Application Thickness | Minimum | 2mm |
| | Maximum | 12mm |
| @20°C | Working time | 25 minutes |
| | Walk on | 2 hours |
| | Tile after | 4 hours |
| Consumption per mm thickness | | Approximately 1.58kg /m ² |
| After 28 Days | Compressive Strength | 20 N/mm ² |
| | Flexural Strength | 7 N/mm ² |

Areas of Use

| | | | | | |
|--------|----------|----------|------------|-------------|----------------|
| Floors | Interior | Domestic | Commercial | Solid Bases | Heated Screeds |
|--------|----------|----------|------------|-------------|----------------|

| Suitable Floor Backgrounds | | | PRIMER REQUIRED |
|--|---|--|---------------------|
| A Cement:Sand Screed (inc. Heated) | A Concrete | A Tile Backer Boards (on solid bases) | PrimeMore Universal |
| B Asphalt (Flooring Grade) | B Epoxy DPM | B Existing Ceramic, Porcelain, and Natural Stone Tiles (on solid bases) | PrimeMore Grip |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | PrimeMore CS |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. Depending on the porosity of the background, additional coats may be required. | B Prime with one neat, undiluted coat of PrimeMore Grip. | C Prime with one neat, undiluted coat of PrimeMore CS. | |
| The primer must be allowed to dry before applying LevelMore Contract. | | | |

COVERAGE Will vary dependent on the texture of the background and the application thickness of the product. As a guide, a 20kg bag of LevelMore Contract powder mixed with 4.5 litres of LevelMore Contract liquid will provide the following approximate coverage:

| Application Thickness | Approximate Coverage |
|-----------------------|----------------------|
| 2mm | 6.3m ² |
| 3mm | 4.2m ² |
| 5mm | 2.5m ² |
| 10mm | 1.26m ² |
| 12mm | 1.05m ² |

Wall Tile Adhesive Selec

| | | MegaFlex Standard S2 | MegaFlex Rapid S2 |
|---|------------------------|----------------------|-------------------|
| TECHNICAL INFORMATION | | | |
| Colour | | White | Grey |
| Bed thickness (up to) | | 15mm | 15mm |
| @20°C | Set time (grout after) | 16 hours | 3 hours |
| | Pot life | 4 hours | 45 minutes |
| | Open time | 40 minutes | 25 minutes |
| AREAS OF USE | | | |
| Interior | | ✓ | ✓ |
| Exterior | | ✓ | ✓ |
| Wet Areas | | ✓ | ✓ |
| Dry Areas | | ✓ | ✓ |
| Domestic | | ✓ | ✓ |
| Commercial | | ✓ | ✓ |
| Minor Vibration | | ✓ | ✓ |
| Limited Movement | | ✓ | ✓ |
| SUITABLE TILES | | | |
| Porcelain | | ✓ | ✓ |
| Ceramic | | ✓ | ✓ |
| Natural Stone | | ■ | ★ |
| Glass (coloured glass and vitreous glazed backings) | | ✓ | ✗ |
| Brick Slips | | ✓ | ✓ |
| Agglomerate | | ✗ | ✓ |
| WALL BACKGROUNDS <i>(Priming information can be found on the</i> | | | |
| Cement:Sand Render | | ✓ | ✓ |
| Concrete Blockwork | | ✓ | ✓ |
| Plaster (Finish Coat) | | ✓ | ✓ |
| Plasterboard | | ✓ | ✓ |
| Tile Backer Boards | | ✓ | ✓ |

Key

- ✓ Suitable
- ✗ Not suitable
- ✿ Test before use with highly
- Non-moisture sensitive
- Glass mosaics only (use white)
- ★ Not translucent or light coloured stone (select an appropriate)

| MoreFlex Standard S1 | MoreFlex Semi-Rapid S1 | MoreFlex Rapid S1 | MoreBond Standard C2 | MoreBond Rapid C2 |
|-------------------------------|------------------------|-------------------|----------------------|-------------------|
| White & Grey | White & Grey | White & Grey | White | Grey |
| 15mm | 15mm | 15mm | 15mm | 15mm |
| 16 hours | 6 hours | 3 hours | 16 hours | 3 hours |
| 4 hours | 2 hours | 45 minutes | 4 hours | 45 minutes |
| 40 minutes | 30 minutes | 25 minutes | 40 minutes | 25 minutes |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✗ | ✗ |
| ✓ | ✓ | ✓ | ✗ | ✗ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ■ | ✿ | ✓ | ■ | ★ |
| ● | ● | ● | ✗ | ✗ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✗ | ✗ | ✗ | ✗ | ✗ |
| <i>specific product page)</i> | | | | |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |

porous stone
 adhesive)
 white adhesive)



Floor Tile Adhesive Selec

MegaFlex
Standard S2

MegaFlex
Rapid S2

TECHNICAL INFORMATION

| | | | |
|-----------------------|------------------------|------------|------------|
| Colour | White | Grey | |
| Bed thickness (up to) | 15mm | 15mm | |
| @20°C | Set time (grout after) | 16 hours | 3 hours |
| | Pot life | 4 hours | 45 minutes |
| | Open time | 40 minutes | 25 minutes |

AREAS OF USE

| | | |
|------------------|---|---|
| Interior | ✓ | ✓ |
| Exterior | ✓ | ✓ |
| Wet Areas | ✓ | ✓ |
| Dry Areas | ✓ | ✓ |
| Domestic | ✓ | ✓ |
| Commercial | ✓ | ✓ |
| Minor Vibration | ✓ | ✓ |
| Limited Movement | ✓ | ✓ |

SUITABLE TILES

| | | |
|---------------|---|---|
| Porcelain | ✓ | ✓ |
| Ceramic | ✓ | ✓ |
| Natural Stone | ■ | ★ |
| Terrazzo | ✓ | ✓ |
| Brick Slips | ✓ | ✓ |
| Agglomerate | ✗ | ✓ |

FLOOR BACKGROUNDS *(Priming information can be found on the*

| | | |
|---|---|---|
| Cement:Sand Screed (Inc. Heated) | ✓ | ✓ |
| Concrete | ✓ | ✓ |
| Plywood Overlay (Class 3) | ✓ | ✓ |
| Tile Backer Boards | ✓ | ✓ |
| Asphalt (Flooring Grade) | ✓ | ✓ |
| Epoxy DPM | ✓ | ✓ |
| Existing Ceramic, Porcelain, and Natural Stone Tiles | ✓ | ✓ |
| Existing Vinyl Flooring | ✓ | ✓ |
| Metal (Steel) | ✓ | ✓ |
| Calcium Sulphate/Anhydrite (Inc. Heated) | ✓ | ✓ |
| Green Cementitious Screed and Concrete | ✓ | ✓ |

Key

- ✓ Suitable ✗ Not suitable ✦ Test before use with highly
- Non-moisture sensitive natural stone ▲ On solid bases
- ★ Not translucent or light coloured stone *(select an appropriate*

| MoreFlex Standard S1 | MoreFlex Semi-Rapid S1 | MoreFlex Rapid S1 | MoreBond Standard C2 | MoreBond Rapid C2 |
|-------------------------------|------------------------|-------------------|----------------------|-------------------|
| White & Grey | White & Grey | White & Grey | White | Grey |
| 15mm | 15mm | 15mm | 15mm | 15mm |
| 16 hours | 6 hours | 3 hours | 16 hours | 3 hours |
| 4 hours | 2 hours | 45 minutes | 4 hours | 45 minutes |
| 40 minutes | 30 minutes | 25 minutes | 40 minutes | 25 minutes |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✗ | ✗ |
| ✓ | ✓ | ✓ | ✗ | ✗ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ■ | ⊕ | ✓ | ■ | ★ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✗ | ✗ | ✗ | ✗ | ✗ |
| <i>specific product page)</i> | | | | |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✗ | ✗ |
| ✓ | ✓ | ✓ | ▲ | ▲ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ▲ | ▲ |
| ✓ | ✓ | ✓ | ▲ | ▲ |
| ✗ | ✗ | ✗ | ✗ | ✗ |
| ✓ | ✓ | ✓ | ✓ | ✓ |
| ✗ | ✗ | ✗ | ✗ | ✗ |

porous stone

white adhesive)



MegaFlex Standard S2

A standard setting, S2 flexible, cementitious,
wall and floor tile adhesive



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmore.co.uk or by scanning the QR code.



MegaFlex Standard S2

Kelmore's MegaFlex Standard S2 is a highly polymer modified, extremely flexible, standard setting, cementitious tile adhesive for walls and floors. This highly deformable adhesive has excellent bond strength and flexibility ensuring numerous types of tiles, such as porcelain, ceramic, glass and most natural stone can be confidently fixed to a wide range of backgrounds, including those subject to limited movement and vibration. Allowing bed depths up to 15mm, MegaFlex Standard S2 has a long pot life of 4 hours and an excellent open time of 40 minutes, whilst still being set and ready for grouting after 16 hours. This truly versatile, high performance adhesive can be used on green cementitious screeds and concrete, in wet areas, including swimming pools, and for interior and exterior applications.

| | |
|--|---|
| Classification (EN 12004) | C2 TE S2 |
| Pack Size | 20kg |
| Colour | White |
| Water required per 20kg bag | Approximately 5.0 litres |
| Application Temperature (air and background) | ≥ 5°C |
| Bed Thickness | Up to 15mm |
| @20°C | Set Time (grout after) Pot Life Open Time |
| | 16 hours 4 hours 40 minutes |
| Consumption per mm bed thickness | Approximately 1.25kg /m ² |
| Temperature Resistance (cured adhesive) | -30°C to 90°C |

| Areas of Use | | | | | |
|--------------|----------|-----------|------------|--------------------------------|--------------------------------|
| Walls | Interior | Wet Areas | Domestic | Water Piped Underfloor Heating | Limited Movement/ Vibration |
| Floors | Exterior | Dry Areas | Commercial | Electric Underfloor Heating | |

| Suitable Tiles | | | | | |
|----------------|---------|--|---|----------|-------------|
| Porcelain | Ceramic | Natural Stone (non-moisture sensitive) | Glass (coloured glass and vitreous glazed backings) | Terrazzo | Brick Slips |

| Suitable Wall Backgrounds | | | | | PRIMER REQUIRED |
|-----------------------------|-----------------------------|--------------------------------|-----------------------|-----------------------------|----------------------------|
| A Cement:Sand Render | A Concrete Blockwork | A Plaster (Finish Coat) | A Plasterboard | A Tile Backer Boards | PrimeMore Universal |

| Suitable Floor Backgrounds | | | | | PRIMER REQUIRED |
|--|--------------------|---|----------------------------------|---|----------------------------|
| A Cement:Sand Screed (inc. Heated) | A Concrete | A Plywood Overlay (Class 3) | A Tile Backer Boards | | PrimeMore Universal |
| B Asphalt (Flooring Grade) | B Epoxy DPM | B Existing Ceramic, Porcelain, and Natural Stone Tiles | B Existing Vinyl Flooring | B Metal (Steel) | PrimeMore Grip |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | | PrimeMore CS |
| Green Cementitious Screed and Concrete | | | | | None Required |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. Depending on the porosity of the background, additional coats may be required. | | B Prime with one neat, undiluted coat of PrimeMore Grip. | | C Prime with one neat, undiluted coat of PrimeMore CS. | |

The primer must be allowed to dry before applying tile adhesive.

COVERAGE Will vary dependent on the flatness of the background, the profile of the tile back and the adhesive bed thickness. To cover 1m², approximately 1.25kg of powder will be required for every mm thickness of solid bed adhesive. This equates to the following approximate coverage per 20kg bag:

| Adhesive Thickness | Approximate Coverage |
|--------------------|----------------------|
| 1.5mm | 10.6m ² |
| 2mm | 8m ² |
| 2.5mm | 6.4m ² |
| 3mm | 5.3m ² |
| 4mm | 4m ² |
| 5mm | 3.2m ² |

MegaFlex Rapid S2

A rapid setting, S2 flexible, cementitious,
wall and floor tile adhesive



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmore.co.uk or by scanning the QR code.



MegaFlex Rapid S2

Kelmore's MegaFlex Rapid S2 is a highly polymer modified, extremely flexible, rapid setting, cementitious tile adhesive for walls and floors. This highly deformable adhesive has excellent bond strength and flexibility ensuring numerous types of tiles, such as porcelain, ceramic, and natural stone can be confidently fixed to a wide range of backgrounds, including those subject to limited movement and vibration. Allowing bed depths up to 15mm, MegaFlex Rapid S2 has a pot life of 45 minutes, an open time of 25 minutes and is set and ready for grouting after 3 hours. This truly versatile, high performance adhesive can be used on green cementitious screeds and concrete, in wet areas, including swimming pools, and for interior and exterior applications.

| | |
|--|---|
| Classification (EN 12004) | C2 F S2 |
| Pack Size | 20kg |
| Colour | Grey |
| Water required per 20kg bag | Approximately 4.0 litres |
| Application Temperature (air and background) | ≥ 5°C |
| Bed Thickness | Up to 15mm |
| @20°C | Set Time (grout after) Pot Life Open Time |
| | 3 hours 45 minutes 25 minutes |
| Consumption per mm bed thickness | Approximately 1.25kg / m ² |
| Temperature Resistance (cured adhesive) | -30°C to 90°C |

Areas of Use

| | | | | | |
|--------|----------|-----------|------------|--------------------------------|--------------------------------|
| Walls | Interior | Wet Areas | Domestic | Water Piped Underfloor Heating | Limited Movement/ Vibration |
| Floors | Exterior | Dry Areas | Commercial | Electric Underfloor Heating | |

Suitable Tiles

| | | | | | |
|-----------|---------|---------------|-------------|----------|-------------|
| Porcelain | Ceramic | Natural Stone | Agglomerate | Terrazzo | Brick Slips |
|-----------|---------|---------------|-------------|----------|-------------|

Suitable Wall Backgrounds

| | | | | | |
|-----------------------------|-----------------------------|--------------------------------|-----------------------|-----------------------------|---------------------|
| | | | | | PRIMER REQUIRED |
| A Cement:Sand Render | A Concrete Blockwork | A Plaster (Finish Coat) | A Plasterboard | A Tile Backer Boards | PrimeMore Universal |

Suitable Floor Backgrounds

| | | | | | |
|--|--------------------|---|----------------------------------|---|---------------------|
| | | | | | PRIMER REQUIRED |
| A Cement:Sand Screed (inc. Heated) | A Concrete | A Plywood Overlay (Class 3) | A Tile Backer Boards | | PrimeMore Universal |
| B Asphalt (Flooring Grade) | B Epoxy DPM | B Existing Ceramic, Porcelain, and Natural Stone Tiles | B Existing Vinyl Flooring | B Metal (Steel) | PrimeMore Grip |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | | PrimeMore CS |
| Green Cementitious Screed and Concrete | | | | | None Required |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. Depending on the porosity of the background, additional diluted coats may be required. | | B Prime with one neat, undiluted coat of PrimeMore Grip. | | C Prime with one neat, undiluted coat of PrimeMore CS. | |
| The primer must be allowed to dry before applying tile adhesive. | | | | | |

COVERAGE Will vary dependent on the flatness of the background, the profile of the tile back and the adhesive bed thickness. To cover 1m², approximately 1.25kg of powder will be required for every mm thickness of solid bed adhesive. This equates to the following approximate coverage per 20kg bag:

| Adhesive Thickness | Approximate Coverage |
|--------------------|----------------------|
| 1.5mm | 10.6m ² |
| 2mm | 8m ² |
| 2.5mm | 6.4m ² |
| 3mm | 5.3m ² |
| 4mm | 4m ² |
| 5mm | 3.2m ² |

MoreFlex Standard S1

A standard setting, S1 flexible, cementitious,
wall and floor tile adhesive



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmore.co.uk or by scanning the QR code.



MoreFlex Standard S1

Kelmore's MoreFlex Standard S1 is a highly polymer modified, flexible, standard setting, cementitious tile adhesive for walls and floors. This deformable adhesive has excellent bond strength and flexibility ensuring numerous types of tiles, such as porcelain, ceramic and most natural stone can be confidently fixed to a wide range of backgrounds, including those subject to limited movement and vibration. Allowing bed depths up to 15mm, MoreFlex Standard S1 has a long pot life of 4 hours and an excellent open time of 40 minutes, whilst still being set and ready for grouting after 16 hours. Showing its true versatility, this adhesive is suitable for interior and exterior use, as well as in wet areas, including swimming pools, and it is particularly recommended for fixing large format tiles.

| | |
|--|---|
| Classification (EN 12004) | C2 TE S1 |
| Pack Size | 20kg |
| Colours | White and Grey |
| Water required per 20kg bag | White - Approximately 5.0 litres Grey - Approximately 4.8 litres |
| Application Temperature (air and background) | ≥ 5°C |
| Bed Thickness | Up to 15mm |
| @20°C | Set Time (grout after) Pot Life Open Time |
| | 16 hours 4 hours 40 minutes |
| Consumption per mm bed thickness | Approximately 1.25kg /m ² |
| Temperature Resistance (cured adhesive) | -30°C to 90°C |

Areas of Use

| | | | | | |
|--------|----------|-----------|------------|--------------------------------|--------------------------------|
| Walls | Interior | Wet Areas | Domestic | Water Piped Underfloor Heating | Limited Movement/ Vibration |
| Floors | Exterior | Dry Areas | Commercial | Electric Underfloor Heating | |

Suitable Tiles

| | | | | | |
|-----------|---------|---|-------------------------|----------|----------------|
| Porcelain | Ceramic | Natural Stone (non-moisture sensitive) | Glass (mosaics only) | Terrazzo | Brick Slips |
|-----------|---------|---|-------------------------|----------|----------------|

Suitable Wall Backgrounds

| | | | | | |
|--------------------------------|--------------------------------|--------------------------------------|-----------------------|-----------------------------------|--------------------------------|
| | | | | | PRIMER REQUIRED |
| A Cement:Sand Render | A Concrete Blockwork | A Plaster (Finish Coat) | A Plasterboard | A Tile Backer Boards | PrimeMore Universal |

Suitable Floor Backgrounds

| | | | | | |
|--|-----------------------|--|--|--|------------------------|
| | | | | | PRIMER REQUIRED |
| A Cement:Sand Screed (inc. Heated) | A Concrete | A Plywood Overlay (Class 3) | A Tile Backer Boards | PrimeMore Universal | |
| B Asphalt (Flooring Grade) | B Epoxy DPM | B Existing Ceramic, Porcelain, and Natural Stone Tiles | B Existing Vinyl Flooring | PrimeMore Grip | |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | | PrimeMore CS |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. Depending on the porosity of the background, additional diluted coats may be required. | | B Prime with one neat, undiluted coat of PrimeMore Grip. | | C Prime with one neat, undiluted coat of PrimeMore CS. | |
| The primer must be allowed to dry before applying tile adhesive. | | | | | |

COVERAGE Will vary dependent on the flatness of the background, the profile of the tile back and the adhesive bed thickness. To cover 1m², approximately 1.25kg of powder will be required for every mm thickness of solid bed adhesive. This equates to the following approximate coverage per 20kg bag:

| Adhesive Thickness | Approximate Coverage |
|--------------------|----------------------|
| 1.5mm | 10.6m ² |
| 2mm | 8m ² |
| 2.5mm | 6.4m ² |
| 3mm | 5.3m ² |
| 4mm | 4m ² |
| 5mm | 3.2m ² |

MoreFlex Semi-Rapid S1

A semi-rapid setting, S1 flexible, cementitious,
wall and floor tile adhesive



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmore.co.uk or by scanning the QR code.



MoreFlex Semi-Rapid S1

Kelmore's MoreFlex Semi-Rapid S1 is a highly polymer modified, flexible, semi-rapid setting, cementitious tile adhesive for walls and floors. This deformable adhesive has excellent bond strength and flexibility ensuring numerous types of tiles, such as porcelain, ceramic, and natural stone can be confidently fixed to a wide range of backgrounds, including those subject to limited movement and vibration. Allowing bed depths up to 15mm, MoreFlex Semi-Rapid S1 has a pot life of 2 hours, an open time of 30 minutes and is set and ready for grouting after 6 hours - making it the perfect choice for projects when the working and set times of rapid and standard setting products don't meet your requirements. MoreFlex Semi-Rapid S1 is suitable for interior and exterior use, as well as in wet areas, including swimming pools, and it is particularly recommended for fixing large format tiles.

| | | |
|--|---|---|
| Classification (EN 12004) | | C2 TE S1 |
| Pack Size | | 20kg |
| Colours | | White and Grey |
| Water required per 20kg bag | | White - Approximately 4.2 litres Grey - Approximately 4.0 litres |
| Application Temperature (air and background) | | ≥ 5°C |
| Bed Thickness | | Up to 15mm |
| @20°C | Set Time (grout after) Pot Life Open Time | 6 hours 2 hours 30 minutes |
| Consumption per mm bed thickness | | Approximately 1.25kg /m ² |
| Temperature Resistance (cured adhesive) | | -30°C to 90°C |

Areas of Use

| | | | | | |
|--------|----------|-----------|------------|--------------------------------|--------------------------------|
| Walls | Interior | Wet Areas | Domestic | Water Piped Underfloor Heating | Limited Movement/ Vibration |
| Floors | Exterior | Dry Areas | Commercial | Electric Underfloor Heating | |

Suitable Tiles

| | | | | | |
|-----------|---------|---------------|----------------------|----------|-------------|
| Porcelain | Ceramic | Natural Stone | Glass (mosaics only) | Terrazzo | Brick Slips |
|-----------|---------|---------------|----------------------|----------|-------------|

Suitable Wall Backgrounds

| | | | | | |
|-----------------------------|-----------------------------|--------------------------------|-----------------------|-----------------------------|------------------------|
| | | | | | PRIMER REQUIRED |
| A Cement:Sand Render | A Concrete Blockwork | A Plaster (Finish Coat) | A Plasterboard | A Tile Backer Boards | PrimeMore Universal |

Suitable Floor Backgrounds

| | | | | | |
|--|--------------------|---|----------------------------------|---|------------------------|
| | | | | | PRIMER REQUIRED |
| A Cement:Sand Screed (inc. Heated) | A Concrete | A Plywood Overlay (Class 3) | A Tile Backer Boards | PrimeMore Universal | |
| B Asphalt (Flooring Grade) | B Epoxy DPM | B Existing Ceramic, Porcelain, and Natural Stone Tiles | B Existing Vinyl Flooring | PrimeMore Grip | |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | | PrimeMore CS |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. Depending on the porosity of the background, additional coats may be required. | | B Prime with one neat, undiluted coat of PrimeMore Grip. | | C Prime with one neat, undiluted coat of PrimeMore CS. | |
| The primer must be allowed to dry before applying tile adhesive. | | | | | |

COVERAGE Will vary dependent on the flatness of the background, the profile of the tile back and the adhesive bed thickness. To cover 1m², approximately 1.25kg of powder will be required for every mm thickness of solid bed adhesive. This equates to the following approximate coverage per 20kg bag:

| Adhesive Thickness | Approximate Coverage |
|--------------------|----------------------|
| 1.5mm | 10.6m ² |
| 2mm | 8m ² |
| 2.5mm | 6.4m ² |
| 3mm | 5.3m ² |
| 4mm | 4m ² |
| 5mm | 3.2m ² |

MoreFlex Rapid S1

A rapid setting, S1 flexible, cementitious,
wall and floor tile adhesive



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmor.co.uk or by scanning the QR code.



MoreFlex Rapid S1

Kelmore's MoreFlex Rapid S1 is a highly polymer modified, flexible, rapid setting, cementitious tile adhesive for walls and floors. This deformable adhesive has excellent bond strength and flexibility ensuring numerous types of tiles, such as porcelain, ceramic, and natural stone can be confidently fixed to a wide range of backgrounds, including those subject to limited movement and vibration. Allowing bed depths up to 15mm, MoreFlex Rapid S1 has a pot life of 45 minutes, an open time of 25 minutes and is set and ready for grouting after 3 hours. This smooth, slump-free adhesive is suitable for interior and exterior use, as well as in wet areas, including swimming pools.

| | |
|--|---|
| Classification (EN 12004) | C2 FT S1 |
| Pack Size | 20kg |
| Colours | White and Grey |
| Water required per 20kg bag | White - Approximately 4.2 litres Grey - Approximately 4.0 litres |
| Application Temperature (air and background) | ≥ 5°C |
| Bed Thickness | Up to 15mm |
| @20°C | Set Time (grout after) Pot Life Open Time |
| | 3 hours 45 minutes 25 minutes |
| Consumption per mm bed thickness | Approximately 1.25kg /m ² |
| Temperature Resistance (cured adhesive) | -30°C to 90°C |

| Areas of Use | | | | | |
|--------------|----------|-----------|------------|--------------------------------|--------------------------------|
| Walls | Interior | Wet Areas | Domestic | Water Piped Underfloor Heating | Limited Movement/ Vibration |
| Floors | Exterior | Dry Areas | Commercial | Electric Underfloor Heating | |

| Suitable Tiles | | | | | |
|----------------|---------|---------------|----------------------|----------|-------------|
| Porcelain | Ceramic | Natural Stone | Glass (mosaics only) | Terrazzo | Brick Slips |

| Suitable Wall Backgrounds | | | | | PRIMER REQUIRED |
|-----------------------------|-----------------------------|--------------------------------|-----------------------|-----------------------------|---------------------|
| A Cement:Sand Render | A Concrete Blockwork | A Plaster (Finish Coat) | A Plasterboard | A Tile Backer Boards | PrimeMore Universal |

| Suitable Floor Backgrounds | | | | | PRIMER REQUIRED |
|--|--------------------|---|----------------------------------|---|-----------------|
| A Cement:Sand Screed (inc. Heated) | A Concrete | A Plywood Overlay (Class 3) | A Tile Backer Boards | PrimeMore Universal | |
| B Asphalt (Flooring Grade) | B Epoxy DPM | B Existing Ceramic, Porcelain, and Natural Stone Tiles | B Existing Vinyl Flooring | PrimeMore Grip | |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | | PrimeMore CS |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. Depending on the porosity of the background, additional diluted coats may be required. | | B Prime with one neat, undiluted coat of PrimeMore Grip. | | C Prime with one neat, undiluted coat of PrimeMore CS. | |

The primer must be allowed to dry before applying tile adhesive.

COVERAGE Will vary dependent on the flatness of the background, the profile of the tile back and the adhesive bed thickness. To cover 1m², approximately 1.25kg of powder will be required for every mm thickness of solid bed adhesive. This equates to the following approximate coverage per 20kg bag:

| Adhesive Thickness | Approximate Coverage |
|--------------------|----------------------|
| 1.5mm | 10.6m ² |
| 2mm | 8m ² |
| 2.5mm | 6.4m ² |
| 3mm | 5.3m ² |
| 4mm | 4m ² |
| 5mm | 3.2m ² |

MoreBond Standard C2

A flexible, standard setting, cementitious,
wall and floor tile adhesive



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmores.co.uk or by scanning the QR code.



MoreBond Standard C2

Kelmore's MoreBond Standard C2 is a polymer modified, flexible, standard setting, cementitious tile adhesive for walls and floors. This smooth, slump-free adhesive has enhanced adhesion ensuring numerous types of tiles, such as porcelain, ceramic and most natural stone can be confidently fixed to a wide range of backgrounds. Allowing bed depths up to 15mm, MoreBond Standard C2 has a long pot life of 4 hours and an excellent open time of 40 minutes, whilst still being set and ready for grouting after 16 hours. This adhesive is suitable for interior and exterior use, as well as in wet areas, including swimming pools.

| | |
|--|---|
| Classification (EN 12004) | C2 TE |
| Pack Size | 20kg |
| Colour | White |
| Water required per 20kg bag | Approximately 5.0 litres |
| Application Temperature (air and background) | ≥ 5°C |
| Bed Thickness | Up to 15mm |
| @20°C | Set Time (grout after) Pot Life Open Time |
| | 16 hours 4 hours 40 minutes |
| Consumption per mm bed thickness | Approximately 1.25kg /m ² |
| Temperature Resistance (cured adhesive) | -30°C to 90°C |

Areas of Use

| | | | | |
|--------|----------|-----------|------------|--|
| Walls | Interior | Wet Areas | Domestic | Heated Screeds |
| Floors | Exterior | Dry Areas | Commercial | Electric Underfloor Heating (on solid bases) |

Suitable Tiles

| | | | | |
|-----------|---------|--|----------|-------------|
| Porcelain | Ceramic | Natural Stone (non-moisture sensitive) | Terrazzo | Brick Slips |
|-----------|---------|--|----------|-------------|

Suitable Wall Backgrounds

| | | | | | |
|-----------------------------|-----------------------------|--------------------------------|-----------------------|-----------------------------|----------------------------|
| | | | | | PRIMER REQUIRED |
| A Cement:Sand Render | A Concrete Blockwork | A Plaster (Finish Coat) | A Plasterboard | A Tile Backer Boards | PrimeMore Universal |

Suitable Floor Backgrounds

| | | | | | |
|--|--------------------|--|--|---|----------------------------|
| | | | | PRIMER REQUIRED | |
| A Cement:Sand Screed (inc. Heated) | | A Concrete | A Tile Backer Boards (on solid bases) | | PrimeMore Universal |
| B Asphalt (Flooring Grade) | B Epoxy DPM | B Existing Ceramic, Porcelain, and Natural Stone Tiles (on solid bases) | | B Existing Vinyl Flooring (on solid bases) | PrimeMore Grip |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | | PrimeMore CS |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. Depending on the porosity of the background, additional diluted coats may be required. | | B Prime with one neat, undiluted coat of PrimeMore Grip. | | C Prime with one neat, undiluted coat of PrimeMore CS. | |
| The primer must be allowed to dry before applying tile adhesive. | | | | | |

COVERAGE Will vary dependent on the flatness of the background, the profile of the tile back and the adhesive bed thickness. To cover 1m², approximately 1.25kg of powder will be required for every mm thickness of solid bed adhesive. This equates to the following approximate coverage per 20kg bag:

| Adhesive Thickness | Approximate Coverage |
|--------------------|----------------------|
| 1.5mm | 10.6m ² |
| 2mm | 8m ² |
| 2.5mm | 6.4m ² |
| 3mm | 5.3m ² |
| 4mm | 4m ² |
| 5mm | 3.2m ² |

MoreBond Rapid C2

A flexible, rapid setting, cementitious,
wall and floor tile adhesive



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmore.co.uk or by scanning the QR code.



MoreBond Rapid C2

Kelmore's MoreBond Rapid C2 is a polymer modified, flexible, rapid setting, cementitious tile adhesive for walls and floors. This smooth, slump-free adhesive has enhanced adhesion ensuring numerous types of tiles, such as porcelain, ceramic, and natural stone can be confidently fixed to a wide range of backgrounds. Allowing bed depths up to 15mm, MoreBond Rapid C2 has a pot life of 45 minutes, an open time of 25 minutes and is set and ready for grouting after 3 hours. This adhesive is suitable for interior and exterior use, as well as in wet areas, including swimming pools.

| | | |
|--|---|--------------------------------------|
| Classification (EN 12004) | | C2 FT |
| Pack Size | | 20kg |
| Colour | | Grey |
| Water required per 20kg bag | | Approximately 4.0 litres |
| Application Temperature (air and background) | | ≥ 5°C |
| Bed Thickness | | Up to 15mm |
| @20°C | Set Time (grout after) Pot Life Open Time | 3 hours 45 minutes 25 minutes |
| Consumption per mm bed thickness | | Approximately 1.25kg /m ² |
| Temperature Resistance (cured adhesive) | | -30°C to 90°C |

Areas of Use

| | | | | |
|--------|----------|-----------|------------|--|
| Walls | Interior | Wet Areas | Domestic | Heated Screeds |
| Floors | Exterior | Dry Areas | Commercial | Electric Underfloor Heating (on solid bases) |

Suitable Tiles

| | | | | |
|-----------|---------|---------------|----------|-------------|
| Porcelain | Ceramic | Natural Stone | Terrazzo | Brick Slips |
|-----------|---------|---------------|----------|-------------|

Suitable Wall Backgrounds

| | | | | | |
|-----------------------------|-----------------------------|--------------------------------|-----------------------|-----------------------------|---------------------|
| | | | | | PRIMER REQUIRED |
| A Cement:Sand Render | A Concrete Blockwork | A Plaster (Finish Coat) | A Plasterboard | A Tile Backer Boards | PrimeMore Universal |

Suitable Floor Backgrounds

| | | | | | |
|--|--------------------|--|--|---|---------------------|
| | | | | PRIMER REQUIRED | |
| A Cement:Sand Screed (inc. Heated) | | A Concrete | A Tile Backer Boards (on solid bases) | | PrimeMore Universal |
| B Asphalt (Flooring Grade) | B Epoxy DPM | B Existing Ceramic, Porcelain, and Natural Stone Tiles (on solid bases) | | B Existing Vinyl Flooring (on solid bases) | PrimeMore Grip |
| C Calcium Sulphate/Anhydrite Screed (inc. Heated) | | | | | PrimeMore CS |
| A Prime with one coat of PrimeMore Universal diluted 1:3 with water. Depending on the porosity of the background, additional diluted coats may be required. | | B Prime with one neat, undiluted coat of PrimeMore Grip. | | C Prime with one neat, undiluted coat of PrimeMore CS. | |
| The primer must be allowed to dry before applying tile adhesive. | | | | | |

COVERAGE Will vary dependent on the flatness of the background, the profile of the tile back and the adhesive bed thickness. To cover 1m², approximately 1.25kg of powder will be required for every mm thickness of solid bed adhesive. This equates to the following approximate coverage per 20kg bag:

| Adhesive Thickness | Approximate Coverage |
|--------------------|----------------------|
| 1.5mm | 10.6m ² |
| 2mm | 8m ² |
| 2.5mm | 6.4m ² |
| 3mm | 5.3m ² |
| 4mm | 4m ² |
| 5mm | 3.2m ² |

Grout Flex15

A polymer modified, fast setting,
cementitious, wall and floor grout



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website – www.kelmores.co.uk or by scanning the QR code.



Grout Flex15

Kelmore's Grout Flex15 is a highly flexible, polymer modified, fast setting, cementitious grout for walls and floors. Available in a comprehensive range of popular colours, all complimented with a matching silicone, it is suitable for use in joints up to 15mm wide and offers built in mould resistance. This efflorescence free grout has been formulated to facilitate the wash off, enabling the grout to be left to firm up in the joints without concern of it being difficult to remove from the tile face, resulting in a functional, aesthetically pleasing full grout joint. Grout Flex15 is suitable for interior and exterior use, in wet areas, including power showers, and in both domestic and commercial environments.

| | |
|--|--|
| Classification (EN 13888) | CG2 WA |
| Pack Size | 3kg |
| Number of Colours | 17 |
| Powder to water ratio (by volume) | Approximately 3¼:1 (3¼ parts powder to 1 part water) |
| Water required per 3kg bag | Approximately 800ml to 850ml |
| Application Temperature (air and background) | ≥ 5°C |
| Joint Width | 1mm to 15mm |
| @20°C | Pot Life Light Foot Traffic Final Set 40 minutes 3 hours 24 hours |

Areas of Use

| | | | | | |
|--------|----------|-----------|------------|--------------------------------|--------------------------------|
| Walls | Interior | Wet Areas | Domestic | Water Piped Underfloor Heating | Limited Movement/ Vibration |
| Floors | Exterior | Dry Areas | Commercial | Electric Underfloor Heating | |

Suitable Tiles

| | | | | | |
|-----------|---------|---------------|-------|----------|-------------|
| Porcelain | Ceramic | Natural Stone | Glass | Terrazzo | Agglomerate |
|-----------|---------|---------------|-------|----------|-------------|

COVERAGE The coverage will vary dependent on the size and thickness of the tile and the joint width. The following table provides an approximate coverage per 3kg bag of Grout Flex15 when used with a selection of different sized tiles:

| Tile Size | 2mm Joint Width | 3mm Joint Width | 4mm Joint Width | 5mm Joint Width |
|--------------|-------------------|-------------------|--------------------|--------------------|
| 200x100x7mm | 9.8m ² | 6.5m ² | 4.9m ² | 3.9m ² |
| 600x300x8mm | 25m ² | 17m ² | 12.9m ² | 10.3m ² |
| 600x600x10mm | 31m ² | 20m ² | 15m ² | 12m ² |
| 800x800x10mm | 41m ² | 27m ² | 20m ² | 16m ² |

Colours available:

| | | | | | |
|--|---|---|---|---|---|
|  |  |  |  |  |  |
| Alpine White | Antique White | Jasmine | Oat | Pebble | Stone |
|  |  |  |  |  |  |
| Greige | Caramel | Mocha | Limestone | Light Grey | Silver Grey |
|  |  |  |  |  | |
| Natural Grey | Slate Grey | Dark Grey | Charcoal | Black | |



Silicone Finish

A premium grade
silicone sealant



For detailed product information, please refer to the Technical, and Health and Safety Data Sheets which can be accessed on our website - www.kelmor.co.uk or by scanning the QR code.



Silicone Finish

Kelmore's Silicone Finish is a low modulus, neutral cure silicone sealant with built in mould resistance. Available in a wide range of popular colours, matching the Grout Flex15 colour palette, Silicone Finish can be used in wall and floor tiling installations to create highly flexible, waterproof joints. Suitable for use with natural stone tiles, this neutral cure, low odour formulation does not cause any migratory staining. Possessing excellent adhesion, it bonds strongly to porcelain, ceramic, glass, and natural stone tiles, as well as being suitable for use with sanitary ware, PVC, stainless steel and copper. Silicone Finish is resistant to UV and temperature extremes making it suitable for use internally and externally, and in both domestic and commercial environments.

| | |
|--|--------------------------|
| Pack Size | 310 ml |
| Number of Colours | 17 |
| Application Temperature (air and background) | ≥ 5°C |
| Joint Width | Up to 20mm |
| Skin Forming (@20°C) | Approximately 10 minutes |
| Cure Rate (after 24 hours) | Approximately 3mm |
| Movement Tolerance | Maximum 25% |
| Temperature Resistance (cured silicone) | -30°C to 140°C |

Areas of Use

| | | | | |
|--------|----------|------------|---------------------|----------------------------------|
| Walls | Interior | Domestic | Wet Areas | Underfloor Heating Installations |
| Floors | Exterior | Commercial | High Humidity Areas | Limited Movement/Vibration |

Suitable Tiles

| | | | | | |
|-----------|---------|---------------|-------|----------|-------------|
| Porcelain | Ceramic | Natural Stone | Glass | Terrazzo | Agglomerate |
|-----------|---------|---------------|-------|----------|-------------|

Colours available:



MOVEMENT JOINTS

Tiled installations subject to stress caused by background movement can result in tile damage and/or loss of adhesion. Movement joints help to alleviate these stresses and BS 5385 advises that movement joints are located as follows:

Interior walls

- Over existing and/or structural movement joints.
 - Where tiling abuts other materials.
 - Where tiling is continuous across junctions of different background materials.
 - In large tiled areas, at internal vertical corners and at 3m to 4.5m centres horizontally and vertically.
 - Where stresses are likely to be concentrated, e.g. changes of alignment.
-

Exterior walls (in addition to the advice stated above)

- At storey heights horizontally and approximately 3m to 4.5m apart vertically.
 - At external building corners, vertically between 0.25m and 1m from the corner and symmetrically wherever possible.
 - At internal corners.
-

Interior and exterior floors

- Over existing and/or structural movement joints.
- Where tiling abuts restraining surfaces such as perimeter walls, columns, curbs, steps and permanent fixtures.
- In larger floors without underfloor heating and not of a suspended construction, joints between perimeter joints should be employed to divide the area into bays not greater than 10mx10m.
- On suspended floors, over supporting walls and beams.
- Internal floors subjected to significant thermal changes, i.e. direct sunlight, underfloor heating, etc., the floor area should be divided up by intermediate movement joints into bays not greater than 40m² with an edge length not greater than 8m. (When fixing suitable agglomerated tiles, the floor area should be divided up into bays not greater than 25m²).

Recommendations for where movement joints should be located might be different in specific conditions. In these instances, reference to BS 5385-4 should be made.

BACKGROUND INFORMATION

Backgrounds must be sufficiently dry and strong enough to carry the total weight being applied. All surfaces must be clean, sound, flat and free from contaminants that could inhibit adhesion, such as dust, dirt, oil, grease, laitance, and curing agents. Moisture sensitive backgrounds in wet locations will need protecting using Kelmor's waterproofing systems.

| Wall Backgrounds | Guidance Notes |
|-----------------------|---|
| Cement:Sand Render | <ul style="list-style-type: none"> • Must be true and firmly bonded to the background. • Prevent from rapid drying and allow to air dry for a minimum of 2 weeks. |
| Concrete Blockwork | <ul style="list-style-type: none"> • Must be true and flat. • Allow to dry for a minimum of 6 weeks. |
| Plaster (Finish Coat) | <ul style="list-style-type: none"> • Tiles should be fixed only to a finish coat of plaster. • Ensure it is dry, sound, free from any loose or weak material and well adhered. • If a backing coat as well as a finish coat has been applied, allow to dry for a minimum of 4 weeks. • Plaster that has been overly trowelled should be brushed down with a stiff brush. • Maximum permitted tiling weight is 20kg/m². |
| Plasterboard | <ul style="list-style-type: none"> • Boards fixed to timber studwork must be of sufficient thickness, securely fixed and rigid. • Where boards are directly bonded to solid walls, allow the board adhesive to fully set before tiling. • Maximum permitted tiling weight on bare plasterboard is 32kg/m². |
| Tile Backer Boards | <ul style="list-style-type: none"> • Ensure the boards are installed as instructed by the manufacturer. • Boards fixed to timber studwork must be of sufficient thickness, securely fixed and rigid. • Where boards are directly bonded to solid walls, ensure the adhesive has fully set before tiling and that any mechanical fixings, as instructed by the manufacturer, have been used. • Proprietary boards will have varying weight limits – check with the manufacturer. |

| Floor Backgrounds | Guidance Notes |
|---|--|
| <p>Calcium Sulphate/ Anhydrite Screed</p> | <ul style="list-style-type: none"> • All laitance and surface contaminants must be completely removed. • The screed must be confirmed adequately dry, no greater than 75% Relative Humidity (RH), or 85% RH when using PrimeMore CS. |
| <p>*Heated Calcium Sulphate/ Anhydrite Screed</p> | <ul style="list-style-type: none"> • All laitance and surface contaminants must be completely removed. • Must be commissioned from 7 days after screed installation and before work commences. • Commission slowly and in accordance with the recommendations of the screed manufacturer. • The screed must be confirmed adequately dry, no greater than 75% Relative Humidity (RH), or 85% RH when using PrimeMore CS. |
| <p>Cement:Sand Screed</p> | <ul style="list-style-type: none"> • Allow newly installed screeds to dry for a minimum of 3 weeks. • Direct fixing of agglomerate and some natural stone tiles will require extended drying times. <p>Proprietary Cementitious Screeds:</p> <ul style="list-style-type: none"> • For preparation and drying times, follow the guidance of the manufacturer. |
| <p>*Heated Cement:Sand Screed</p> | <ul style="list-style-type: none"> • New screeds must be commissioned from 3 weeks after screed installation and before work commences. • Heat slowly at a maximum rate of 5°C per day until the maximum operating temperature is reached. Hold this temperature for 3 days before allowing the screed to cool. • The underfloor heating should be turned off or in cold weather run so that the screed is held at a maximum 15°C whilst tiling commences. <p>Proprietary Cementitious Screeds:</p> <ul style="list-style-type: none"> • Should be commissioned and prepared in accordance with the recommendations of the screed manufacturer. |
| <p>Concrete</p> | <ul style="list-style-type: none"> • Allow new concrete to cure before being subjected to continuous air drying in good conditions for a minimum of 6 weeks. • Power floated concrete should be mechanically prepared by suitable means to provide a clean, sound, micro-textured, dust free surface. |

| | |
|--|--|
| <p>*Electric Underfloor Heating</p> | <ul style="list-style-type: none"> • Install the cables/mats as instructed by the manufacturer onto suitable, prepared bases. • Encase the cables with an appropriate Kelmor levelling and smoothing compound. The compound must be suitable for use with the background/base. |
| <p>Epoxy DPM</p> | <ul style="list-style-type: none"> • Must be a flooring grade that is compatible with cementitious products. • Ensure it is hard, sound and firmly adhered. |
| <p>Existing Ceramic, Porcelain, and Natural Stone Tiles</p> | <ul style="list-style-type: none"> • Must be in good condition, free from contaminants and well bonded. • Ensure the existing structure can take the additional weight of the new tiling. |
| <p>Existing Vinyl Flooring</p> | <ul style="list-style-type: none"> • Only hard vinyl can be tiled over (cushion vinyl is not suitable and will need to be removed). • Ensure it is in good condition, free from contaminants and well bonded. |
| <p>Flooring Grade Asphalt</p> | <ul style="list-style-type: none"> • Must be hard, sound and firmly adhered. |
| <p>Metal (Steel)</p> | <ul style="list-style-type: none"> • Must be rigid, corrosion-free, clean and free from contaminants that could inhibit adhesion, including oil and grease. |
| <p>Plywood Overlay (Class 3)</p> | <ul style="list-style-type: none"> • Ensure the subfloor is rigid, flat, dry and adequately ventilated. • Must be a minimum 15mm thick and be conditioned to the appropriate moisture content for the environment. • Screw fix at a maximum 300mm centres. |
| <p>Tile Backer Boards</p> | <ul style="list-style-type: none"> • Install as instructed by the manufacturer. • Must be securely fixed to rigid, suitable, prepared bases. • Where installed on solid bases using tile adhesive, ensure the adhesive has fully set before commencing tiling. |
| <p>T&G Timber and Chipboard</p> | <ul style="list-style-type: none"> • Must be rigid, flat, dry and ventilated and able to carry the additional static and dynamic load without deflection. • Overboard with a suitable tile backer board or plywood sheet (see above). |

* On completion of the floor tiling, the heating system should not be run for 10 days. Following this period, the floor temperature must be gradually raised to its optimal operating temperature.

Product Classifications

All Kelmore products are manufactured in accordance with European and British Standards, and achieve or exceed the requirements and characteristics set out within the product classifications below:

Adhesives in accordance with BS EN 12004

| TYPE | |
|----------|--------------------------|
| C | Cementitious adhesives |
| D | Dispersion adhesives |
| R | Reaction resin adhesives |

| CLASS AND CHARACTERISTICS | |
|---------------------------|---|
| 1 | Normal adhesive |
| 2 | Improved adhesive (meets the requirements for additional characteristics) |
| F | Fast setting |
| T | Reduced slip |
| E | Extended open time |

| DEFORMATION | |
|-------------|-------------------|
| S1 | Deformable |
| S2 | Highly deformable |

Examples:

MoreFlex Standard S1 is **C2 TE S1** classified.

An improved, deformable cementitious adhesive with reduced slip capabilities and an extended open time.

MegaFlex Rapid S2 is **C2 F S2** classified.

An improved, highly deformable, fast setting cementitious adhesive.

Grouts in accordance with BS EN 13888

| TYPE | |
|-----------|----------------------|
| CG | Cementitious grout |
| RG | Reaction resin grout |

| CLASS AND CHARACTERISTICS | |
|---------------------------|--|
| 1 | Normal grout |
| 2 | Improved grout (meets the requirements for additional characteristics) |
| W | Reduced water absorption |
| A | High abrasion resistance |

Example:

Grout Flex15 is **CG2 WA** classified.

An improved cementitious grout with reduced water absorption and high abrasion resistance.

Cementitious Screeds /Compounds in accordance with BS EN 13813

| TYPE | |
|-----------|---------------------|
| CT | Cementitious screed |

| CHARACTERISTICS | |
|-----------------|----------------------|
| C | Compressive strength |
| F | Flexural strength |

The stated compressive and flexural strength of a product will be the N/mm² measurement after 28 days.

Example:

LevelMore Flex&Fibre is **CT-C25-F7** classified.

A flexible, fibre reinforced, cementitious screed with a compressive strength, after 28 days, of 25 N/mm² and a flexural strength of 7 N/mm².



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