



Featured Products

Primers

Sopro GD 749 Primer



Sopro HPS 673 Bonding Primer



Sopro HE 449 Bonding Emulsion



Levelling Compounds

Sopro FS 15® plus Levelling Compound



Sopro AFS 561 CA Levelling Compound



Sopro RAM 3® Patch Compound



Tanking

Sopro FDF Tanking Membrane



Sopro DSF® 523 Tanking Membrane



Sopro DB 438 Sealing tape



Sopro DE 014/015 Sealing Corners



Sopro DMB 091 Sealing Collar



Sopro FKM® XL 444



Sopro FKM® Silver 600



Sopro AHK 560



Sopro PUK 503 PU-Adhesive



Grouting & Jointing

Sopro DF 10®



Sopro Sanitary Silicone



Sopro Marble Silicone



Sopro GH 564 Crack Repair Resin



Ancillary Items

Sopro FDP 558 Tiling Board



Sopro EFH 569 Underfloor Heating



Sopro Cleaning & Care Products









1. Professional Tiling Systems and Application Guide by various Substrates

Substrate	Page
1.1 Old or Existing Tiles	4
1.2 Wood	5
1.3 Floor Screed	
1.3.1 Sand & Cement Floor Screed - Internal	6
1.3.2 Sand & Cement Floor Screed - External	7
1.3.3 Calcium Sulphate Floor Screed - Anhydrite and Alpha Hemihydrate	8
1.4 Gypsum Board and Plaster Board - Domestic Bathrooms	9
1.5 Concrete	
1.5.1 Concrete - Internal 1.5.2	10
Concrete - External	11
1.6 Old Adhesive Residue	12
1.7 Metal	13
1.8 Render - Natural Stone	14
1.9 Render - Ceramic, Porcelain, Fully Vitrified	15

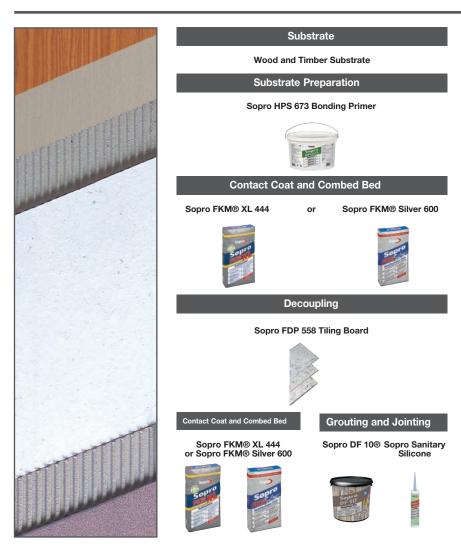


1.1 Old or Existing Tiles



- Apply Sopro HPS 673 Bonding Primer onto clean and dry tiled substrate using a lambswool roller.
- 2. Apply the selected mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- 3. Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **4.** Apply and press the new tile into the fresh adhesive bed.
- 5. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **6.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

1.2 Wood



- Apply Sopro HPS 673 Bonding Primer onto clean and dry tiled substrate using a lambswool roller.
- 2. Apply the selected mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- **3.** Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **4.** Apply and press the (9-15mm) board into the fresh adhesive bed.
- **5.** Apply the mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- **6.** Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- 7. Apply and press the new tile into the fresh adhesive bed.
- 8. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **9.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

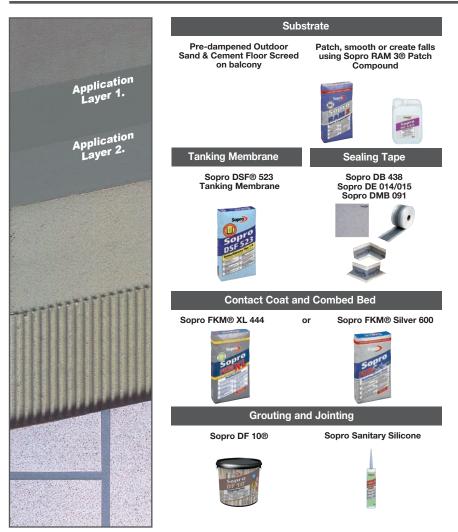


1.3.1 Sand & Cement Floor Screed - Internal



- 1. Clean substrate and cracks from all dust, laitance, grease or other weak materials.
- 2. Mix the Crack Repair Resin with the hardener and pour into the cracks.
- 3. When crack is completely filled blind the resin on the surface with quartz sand.
- **4.** When resin has hardened remove all loose quartz sand by brush or vacuum cleaner.
- **5.** Apply primer onto clean substrate as directed.
- **6.** Apply Sopro FS 15® plus Levelling Compound if required.
- 7. Apply the selected mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- **8.** Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- 9. Apply and press the new tile into the fresh adhesive bed.
- **10.** Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **11.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

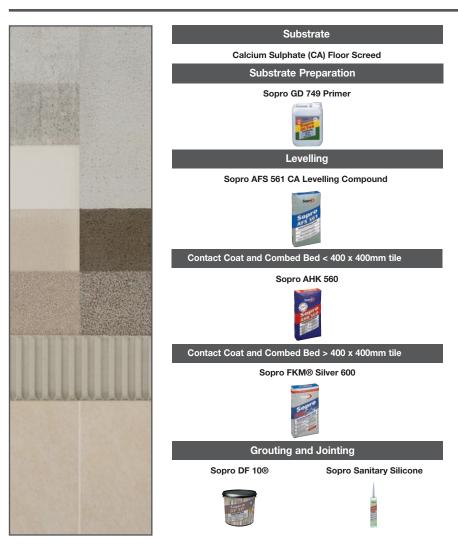
1.3.2 Sand & Cement Floor Screed - External (Balcony/Terrace)



- . Pre-dampen the substrate prior to application of tanking membrane.
- **2.** Patch, smooth or create falls using Sopro RAM 3® when required. Apply Sopro HE 449 Bonding Emulsion prior to application of Sopro RAM 3®.
- 3. Apply Sopro DSF® 523 Tanking Membrane in 2 no. coats.
- 4. Use Sopro sealing tape, internal and external corners and collars.
- **5.** Apply the selected mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the dry Tanking Membrane surface.
- **6.** Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **7.** Apply and press the new tile into the fresh adhesive bed.
- 8. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **9.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.



1.3.3 Calcium Sulphate Floor Screed - Anhydrite and Alpha Hemihydrate

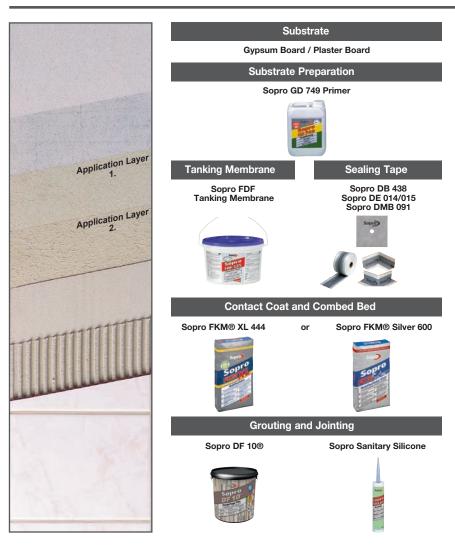


- . Apply Sopro GD 749 Primer onto clean and prepared Calcium Sulphate Floor Screed.
- 2. Apply Sopro Sopro AFS 561 CA Levelling Compound if required and prime again when dry.
- 3. For ceramic tiles and fully vitrified stoneware < 400 x 400mm, use Sopro AHK 560 adhesive.
- **4.** For ceramic, discoloration-sensitive natural stone tiles and fully vitrified stoneware > 400 x 400mm use Sopro FKM® Silver 600 adhesive in buttering and floating method.
- **5.** Apply the appropriate mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- **6.** Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- 7. Apply and press the new tile into the fresh adhesive bed.
- 8. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **9.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

Alternative Required Products:

Tanking: Bathrooms and wetrooms require suitable tanking (Sopro ADS 630 Tanking Kit) prior to tiling.

1.4 Gypsum Board / Plaster Board - Domestic Bathrooms



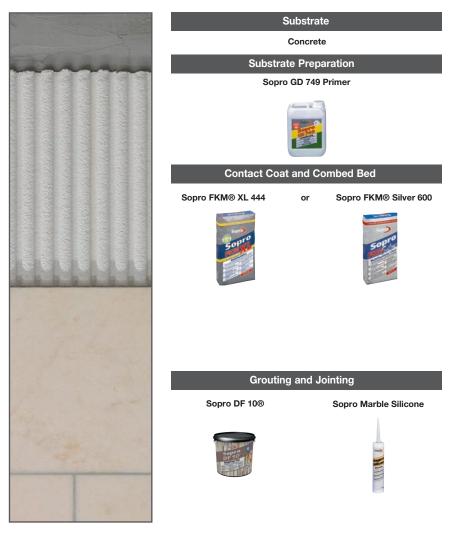
- **1.** Apply Sopro GD 749 Primer onto clean gypsum board / plaster board.
- 2. Apply Sopro FDF Tanking Membrane onto dry primed substrate in 2 coats.
- 3. Use Sopro sealing tape, internal and external corners and collars.
- **4.** Apply the selected mixed adhesive onto the tanked substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- **5.** Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- 6. Apply and press the new tile into the fresh adhesive bed.
- 7. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **8.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

Alternative Product:

Tanking Membrane: Sopro DSF® 523 Tanking Membrane

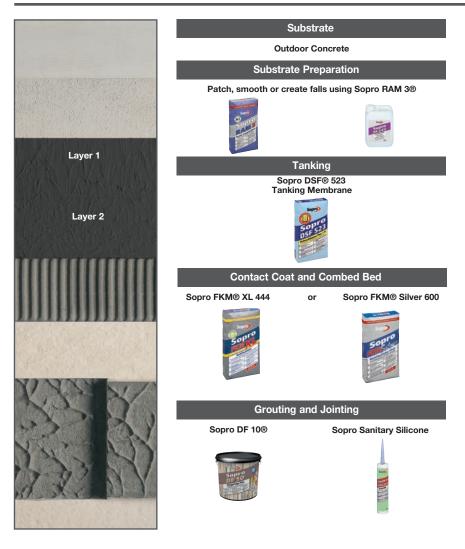


1.5.1 Concrete - Internal



- . Apply Sopro GD 749 Primer onto clean and prepared concrete substrate.
- Apply the selected mixed adhesive onto the primed substrate using a trowel as a floated coatact coat, pressing the adhesive into the surface.
- 3. Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **4.** Apply and press the new marble tile, or colour discoloration sensitive natural stone tile into the fresh adhesive bed.
- **5.** Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **6.** Apply Sopro Marble Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

1.5.2 Concrete - External (Balcony)



- **1.** Patch, smooth or create falls using Sopro RAM 3® when required. Apply Sopro HE 449 Bonding Emulsion prior to application of Sopro RAM 3®.
- 2. Apply Sopro DSF® 523 Tanking Membrane in 2 no. coats.
- **3.** Apply the selected mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the dry Tanking Membrane surface.
- **4.** Apply and press the new tile into the fresh adhesive bed.
- 5. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **6.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.



1.6 Old Adhesive Residue



- 1. Apply Sopro HPS 673 Bonding Primer onto clean and dry tiled substrate using a lambswool roller.
- 2. Apply Sopro FS 15® plus Levelling Compound as directed onto dried primed substrate.
- **3.** Apply the selected mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the dry primed surface.
- **4.** Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **5.** Apply and press the new tile into the fresh adhesive bed.
- **6.** Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- 7. Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

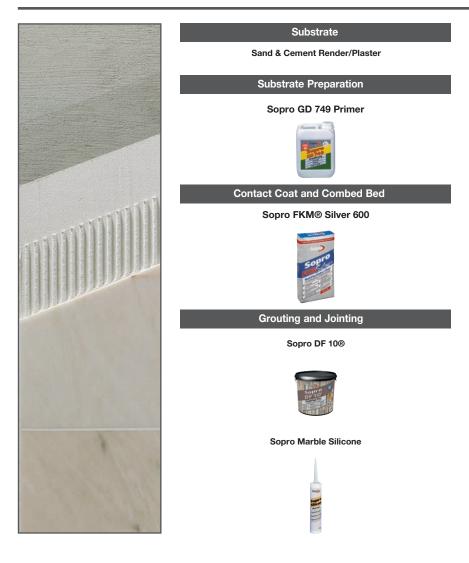
1.7 Metal



- I. Make sure the metal substrate is dry and clean.
- **2.** Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **3.** Apply and press the new tile into the fresh adhesive bed.
- 4. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **5.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

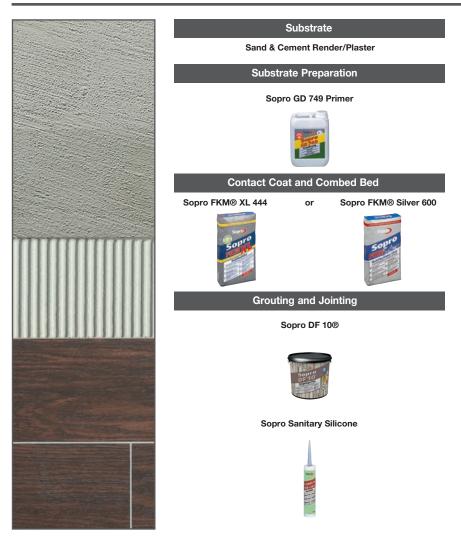


1.8 Rendered Substrate - Natural Stone



- . Apply Sopro GD 749 Primer onto clean and prepared concrete substrate.
- 2. Apply the mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- 3. Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **4.** Apply and press the new marble tile, or colour discoloration sensitive natural stone tile into the fresh adhesive bed.
- 5. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- Apply Sopro Marble Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

1.9 Rendered Substrate - Ceramic, Porcelain, Fully Vitrified Tile



- Apply Sopro GD 749 Primer onto clean and prepared concrete substrate.
- 2. Apply the selected mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- 3. Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **4.** Apply and press the new marble tile, or colour discoloration sensitive natural stone tile into the fresh adhesive bed.
- **5.** Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **6.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.



2. Professional Tiling Systems and Application Guide by various Tiles

Tile	Page
2.1 Existing Floor Tiles - Tile over Tile - Ceramic, Porcelain, Fully Vitrified	17
2.2 Existing Floor Tiles - Tile over Tile - Large Format - Natural Stone	18
2.3 Terracotta	19
2.4 Natural Stone	20
2.5 Glass Mosaic	21
2.6 Glass Mosaic - Wetroom and Shower	22
2.7 Electric Underfloor Heating	23

2.1 Existing Floor Tiles - Tile over Tile



- Apply Sopro HPS 673 Bonding Primer onto clean, level and dry tiled substrate using a lambs wool roller.
- 2. If the existing tiled substrate is not level, apply Sopro HE 449 Bonding Emulsion.
- 3. Apply Sopro FS 15® plus Levelling Compound as directed onto fresh primed substrate (wet in wet).
- **4.** Apply the selected mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- 5. Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **6.** Apply and press the new tile, or colour discoloration sensitive natural stone tile into the fresh adhesive bed.
- 7. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **8.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.



2.2 Existing Floor Tiles - Tile over Tile - Large Format



- **1.** Apply Sopro HPS 673 Bonding Primer onto clean, level and dry tiled substrate using a lambs wool roller.
- 2. Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- 3. Apply and press the new marble tile, or colour discoloration sensitive natural stone tile into the fresh adhesive bed. For large format tiles use buttering and floating method.
- **4.** Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **5.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

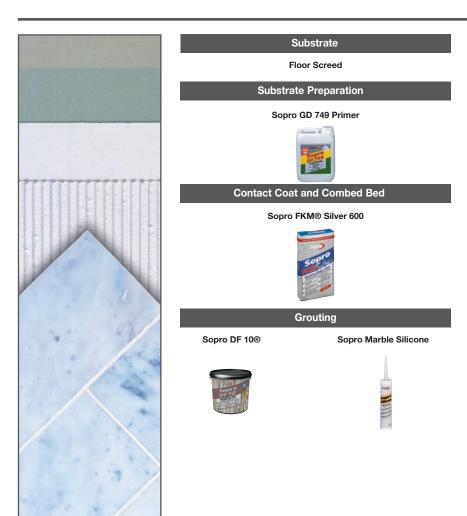
2.3 Terracotta



- I. Apply Sopro GD 749 Primer onto clean and prepared screed substrate.
- **2.** Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- 3. Apply and press the new terracotta tile into the fresh adhesive bed.
- **4.** Apply Sopro AH 737 Grout Cleaning Aid onto the dry terracotta tiles using a mop.
- **5.** Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- 6. Apply Sopro Marble Silicone in all flexible joints e.g. floor and wall perimters and dividing bays
- 7. Use Sopro ZSE 718 Cement Film Remover to remove any cement film residue.
- **8.** Apply Sopro CES 736 Terracotta Sealer using a brush or lambswool roller.
- 9. Apply Sopro CDW 742 Terracotta Wax Finish in 2 no. coats onto the pre-sealed terracotta tiles.
- **10.** To re-freshen shine, use Sopro CPM 738 Terracotta Care.

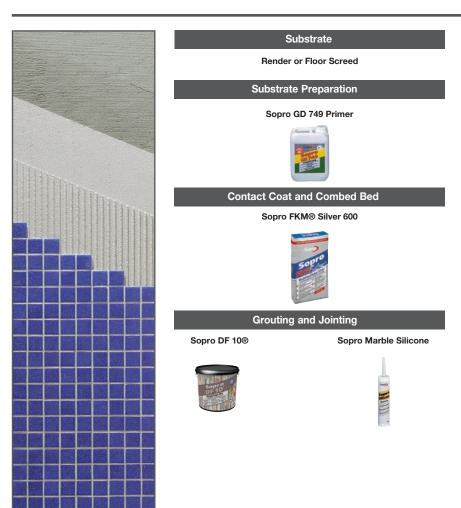


2.4 NaturalStone



- . Apply Sopro GD 749 Primer onto clean and prepared concrete substrate.
- 2. Apply the mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- 3. Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **4.** Apply and press the new marble or colour discoloration sensitive natural stone tile into the fresh adhesive bed.
- 5. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- Apply Sopro Marble Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

2.5 Glass Mosaic



- . Apply Sopro GD 749 Primer onto clean and prepared substrate.
- 2. Apply the mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- 3. Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **4.** Apply and press the new glass mosaic into the fresh adhesive bed.
- 5. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **6.** Apply Sopro Marble Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.



2.6 Glass Mosaic - Wetroom and Shower

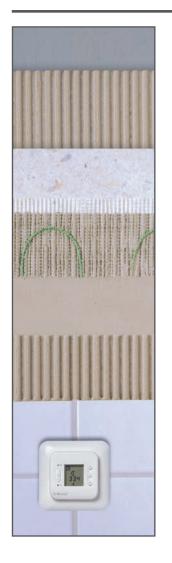


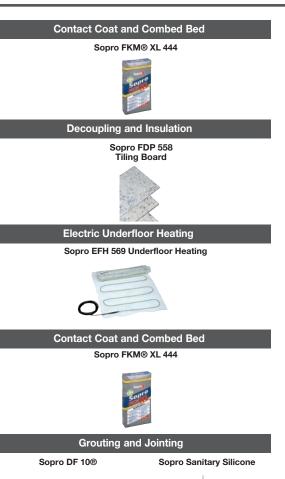
- . Apply Sopro GD 749 Primer onto clean gypsum board / plaster board.
- **2.** Apply Sopro FDF Tanking Membrane onto dry primed substrate in 2 coats.
- 3. Use Sopro sealing tape, internal and external corners and collars.
- **4.** Apply the mixed adhesive onto the tanked substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- **5.** Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- 6. Apply and press the new tile into the fresh adhesive bed.
- 7. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- **8.** Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

Alternative Product:

Tanking Membrane: Sopro DSF® 523 Tanking Membrane

2.7 Electric Underfloor Heating





- Apply Sopro GD 749 Primer onto clean and prepared substrate.
- **2.** Apply the mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- **3.** Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- **4.** Apply and press the board into the fresh adhesive bed.
- 5. Lay out the electric underfloor heating mat as directed.
- **6.** Remove the electric underfloor heating mat, apply the mixed adhesive onto the primed substrate using a trowel as a floated coat/contact coat, pressing the adhesive into the surface.
- 7. Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed. Apply and press the underfloor heating mat into the fresh adhesive bed and smooth using a steel trowel. Apply adhesive bed and comb through with a notched trowel as a spreading gauge to provide a uniform ribbed adhesive bed.
- 8. Grout the tile joints using Sopro DF 10® Designer Grout after the adhesive has fully hardened.
- Apply Sopro Sanitary Silicone in all flexible joints e.g. floor and wall perimters and dividing bays.

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Bringing European Innovation

SMET is dedicated to delivering the leading names in building products direct from Europe to Ireland and the UK. As an award-winning business, SMET's strength is in delivering innovative, superior-quality products supported by exceptional technical and conscientious customer service. SMET's German-made Professional Tiling Systems range is manufactured by Sopro GmbH.

Smet Supported Partner

As a family-run business with a wealth of experience in the construction industry, nationally and internationally, SMET takes the time to invest in and support you - a Smet Supported Partner. As a Smet Supported Partner you'll soon find improved site management, time-saving, quality improvements and environmental impact reduction. Sopro's wide-ranging product portfolio, featuring a consistently high proportion of innovative products, addresses the full range of tiling and building chemical applications, while guaranteeing a product quality that complies, in all respects, with the strict standards set by professional applicators. These requirements include: straightforward application, maximum safety, durability and conformity with technical regulations, health at work provisions and environmental demands. A host of test certificates issued by recognised, independent institutes underline the impeccable quality of Sopro products.

Service & Support

The SMET Professional Tiling Systems range of quality products are backed up with the expertise of a technical advisor. At SMET, we are site focused, providing you with industry specialists who will be with you on site to carry out moisture tests, provide training and support as well as demonstrate the Professional Tiling Systems materials. We don't believe in 'sell and forget', our policy is to continue to monitor the scheme to ensure a first class finish.

Quality Assurance

Bringing Innovative products to the UK and Ireland is a passion. Along with a complete portfolio of Professional Tanking & Tiling Products, backed up with exceptionally detailed technical support, quadruple BSI certified SMET is able to meet the complex demands of architects, specifiers, engineers, designers and end-users for all phases of construction. SMET is BSI EN: ISO 9001, ISO 14001, ISO 45001 and BES 6001 registered. These systems define SMET's working procedures and processes. SMET aims to achieve total client satisfaction in every aspect of its work.

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