



////// TERRACO®

Sprayplaster®

QUALITY SURFACE PREPARATION COMPOUNDS



Terraco Group is a leading manufacturer of construction finishing materials, operating in Europe, Midde East, and Asia.

Terraco's Sprayplaster system is a polymer modified cementitious plasters that provide crack-free and evenly finished surfaces. It is water-based and is safe for both human health and the environment.

Sprayplaster[®]

High quality plasters sprayed or manually applied on exterior and interior walls and ceilings.







Sprayplaster Basecoat DP (Dry Powder)

Basecoat plaster that requires simple mixing with water

Exterior and Interior Application

- » Suitable for common cementitious substrate, including wet areas, where average plaster thickness will exceed 8mm - 15mm of base plaster.
- » Can be applied in maximum thickness up to 30mm in multiple coats.



TECHNICAL DETAILS

Colour	Grey
Consumption Rate	1.6 kg/m ² /mm
Mix Ratio	25kg powder : 4.5-5 ltr water
VOC	<1 g/L (USEPA 24)
Binder	Hydraulic/Polymer
Packaging	25 kg paper bags
Storage:	6 months in original unopened containers.



Sprayplaster CM (Cement Modifier)

Cement based modifier added to Sprayplaster BC for extra hardness and enhanced water-resistance.

Exterior and Interior Application

- » With this addition (in a mixing ratio of 1:1 with Sprayplaster basecoat) Sprayplaster system becomes highly suited for exterior applications where the requirements call for higher density plaster, water resistant plaster or where plaster thickness will exceed 8mm.
- » Can be sprayed in thickness of up to 15mm per single coat application.



TECHNICAL DETAILS

Colour	Grey
Mix Ratio	25 kg powder : 5 ltr water
Binder	Hydraulic/Polymer
Packaging	25 kg paper bags

Storage: 6 months in original unopened containers.



Sprayplaster BC (Basecoat)

Acrylic based basecoat filler finished with
Sprayplaster finishing products.

Interior Application

- » Used on all common types of building surfaces, to level and rectify irregularities up to 10mm in thickness, when applied in multiple coats at a maximum thickness of 5mm per application.
- » Ideal for solid surfaces of pre-cast concrete (particularly ceilings), aerated concrete, sand / cement, fair-faced and level brickwork.



TECHNICAL DETAILS

Colour	Brown
Consumption Rate	1.75 kg/m ² /mm
pH Value	8-9
VOC	<5 g/L
Packaging	25 kg plastic bags
Storage: 9 months in original unopened containers.	





Sprayplaster FC (Finishcoat)

Acrylic based finishcoat that does not require primer and further wall filler prior to painting.

Interior Application

- » Acrylic based finishcoat that does not require primer and further wall filler (putty, stucco etc.) prior to painting.
- » Only 1-2 coats of paint is required when using Terraco paints. Use on all interior areas requiring upto 3mm thickness.
- » Can be left uncoated when applied to ceilings for beautiful fine spray texture without the needs for further painting work.



TECHNICAL DETAILS

Colour	Natural White
Consumption Rate	1.80 kg/m ² /mm
pH Value	8-9
VOC	<5 g/L
Packaging	25 kg plastic bags

Storage: 9 months in original unopened containers.



Sprayplaster®

Application of Dry Powder System - Sprayplaster DP

FOR BLOCK WALL SURFACE INTERIOR WALL

1. Fix micro angle beads and fibreglass mesh (Terramesh SP145gsm) where necessary.
2. Fix spot guides to achieve a level surface.
3. Pre-wet the surface prior to application. For Aerated Autoclaved Concrete (AAC) apply 1 coat Terrabond A Primer diluted (1:5 water) and allow to dry over night.
4. Spray apply Sprayplaster DP mix (mixing ratio 5:1 water) to the required thickness and level smooth using levelling board. Generally a thickness of 8mm - 20mm per coat.
5. For application thickness in excess of 20mm, 2 coats of Sprayplaster DP must be applied, first coat 15mm and scratch the surface to provide key for second coat. The total thickness should not exceed 30mm. Allow first coat to dry before applying second coat.
6. Allow to dry for 24 hours.
7. Cure for 48 - 72 hours using mist spray of water 3 times a day.



RECOMMENDED:

Apply 2 coats of Sprayplaster FC (for dry areas) and level using steel edged spatula.

APPLICATION OF DRY POWDER SYSTEM

Sprayplaster DP

Application of Dry Powder System - Sprayplaster DP

FOR BLOCK WALL SURFACE EXTERIOR WALL

1. Fix stainless micro angle beads and stainless steel metal lath where necessary.
2. Fix spot guides to achieve a level surface.
3. Pre-wet the surface prior to application. For Aerated Autoclaved Concrete (AAC) apply 1 coat Terrabond A Primer diluted (1:5 water) and allow to dry over night. Spray apply Sprayplaster DP mix (mixing ratio 5:1 water) to the required thickness and level smooth using levelling board. Generally a thickness of 8mm - 20mm per coat.
4. For application thickness in excess of 20mm, 2 coats of Sprayplaster DP must be applied, first coat 15mm and scratch the surface to provide key for second coat. The total thickness should not exceed 30mm. Allow first coat to dry before applying second coat.
5. Allow to dry for 24 hours.
6. Cure for 48 - 72 hours using mist spray of water 3 times a day.

RECOMMENDED TO USE:

Use GI/SS - (316 grade only) metal lath instead of fibre glass mesh if thickness >15mm.

» For porous substrates use a solution of Terrabond A diluted 1:5 with water. Please consult the relevant Technical Data Sheets prior to using Terraco Sprayplaster.

» Keybond: allow to dry overnight, then mist cure with water for 48 hours after curing allow to dry further 48 - 72 hours before application of Sprayplaster

Basecoat DP. Consult your nearest Terraco representative for technical queries and support prior to application.

Sprayplaster®

Application of Dry Powder System - Sprayplaster DP

FOR CONCRETE WALL SURFACE INTERIOR WALL

1. Fix micro angle beads and fibreglass mesh (Terramesh SP 145gsm) where necessary.
2. Apply a rush coat of Terraco Keybond and allow to dry for 72 hours.
3. Fix spot guides to achieve a level surface.
4. Spray apply Sprayplaster DP mix (mixing ratio 5:1 water) and level smooth using levelling board. Generally a thickness of 8mm - 20mm per coat.
5. For application thickness in excess of 20mm, 2 coats of Sprayplaster DP must be applied, first coat 15mm and scratch the surface to provide key for second coat. The total thickness should exceed 30mm. Allow first coat to dry before applying second coat.
6. Allow to dry for 24 hours.
7. Cure for 48 - 72 hours using mist spray of water 3 times a day.

RECOMMENDED:

Apply 2 coats of Sprayplaster FC (for dry areas) and level using steel edged spatula.



APPLICATION OF DRY POWDER SYSTEM

Sprayplaster DP

Application of Dry Powder System - Sprayplaster DP

FOR CONCRETE WALL SURFACE EXTERIOR WALL

1. Fix stainless micro angle beads and stainless steel metal lath where necessary.
2. Apply a rush coat of Terraco Keybond and allow to dry for 72 hours*.
3. Fix spot guides to achieve a level surface.
4. Spray apply Sprayplaster DP mix (mixing ratio 5:1 water) to the required thickness and level smooth using levelling board. Generally a thickness of 8mm - 20mm per coat.
5. For application thickness in excess of 20mm, 2 coats of Sprayplaster DP must be applied, first coat 15mm and scratch the surface to provide key for second coat. The total thickness should not exceed 30mm. Allow first coat to dry before applying second coat.
6. Allow to dry for 24 hours.
7. Cure for 48 - 72 hours using mist spray of water 3 times a day.

RECOMMENDED TO USE:

- » Use GI/SS - (316 grade only) metal lath instead of fibre glass mesh if thickness >15mm.
- » For porous substrates use a solution of Terrabond A diluted 1:5 with water. Please consult the relevant Technical Data Sheets prior to using Terraco Sprayplaster.
- » Keybond: allow to dry overnight, then mist cure with water for 48 hours after curing allow to dry further 48 - 72 hours before application of Sprayplaster Basecoat DP. Consult your nearest Terraco representative for technical queries and support prior to application.

Sprayplaster[®]

Application of Ready-Mixed System - Sprayplaster BC and FC

INTERIOR CONCRETE CEILINGS

1. Apply 1 coat of Terraco Sprayplaster BC at joints. If the ceiling requires levelling, apply Terraco Sprayplaster BC to the entire ceiling and level it to a smooth finish. The thickness should not exceed 10mm & 5mm per coat.
2. Apply 2 coats of Terraco Sprayplaster FC and level it with steel edge spatula.
3. And if texture is required: spray apply 1 coat of Terraco Sprayplaster FC to the required texture.

INTERIOR HOURDY CEILINGS

1. Apply 1 coat Terraco Sprayplaster BC to the blocks.
2. Apply 1 coat Terraco Sprayplaster BC to the entire ceiling and level smooth.
3. Apply 2 coats of Terraco Sprayplaster FC and level with steel edge spatula.
4. And if texture is required: Spray apply 1 coat of Terraco Sprayplaster FC to the required texture.



APPLICATION OF READY-MIXED SYSTEM **Sprayplaster BC and FC**

INTERIOR PRECAST CEILINGS

5. Apply Terraco Terramix Standard SP or Styrobond DP HB to fill the V-joints.
6. Apply Terraco Sprayplaster BC at joints.
7. Apply 2 coats Terraco Sprayplaster FC and level with steel edge spatula.
8. And if texture is required: Spray apply 1 coat of Terraco Sprayplaster FC to the required texture.

NOTE:

It is recommended to use a coat of Terraco Terrabond A (1:3 diluted with water) before filling the V-joints.



Sprayplaster®

Application of Ready-Mixed System - Sprayplaster BC and FC

INTERIOR BLOCKWALL DRY AREA

1. Apply Fix micro angle beads and Terramesh SP 145gsm-fibreglass mesh where necessary.
2. Pre-wet the surface prior to application.
3. Fix spot guides to achieve a level surface.
4. Apply Sprayplaster BC upto a maximum thickness of 5mm/coat (to a maximum thickness of 10mm in multiple coats with 16 hours drying time between coats) and level smooth using levelling board.
5. Allow to dry over night.
6. Apply 2 coats of Sprayplaster FC and level using steel edged spatula.



APPLICATION OF READY-MIXED SYSTEM Sprayplaster BC and FC

Application of Ready-Mixed System - Sprayplaster BC and FC

INTERIOR CONCRETE WALL DRY AREA

1. Fix micro angle beads and Terramesh SP 145gsm-fibreglass mesh where necessary.
2. Fix spot guides to achieve a level surface.
3. Apply Spraypalster BC upto a maximum thickness of 5mm/coat (to a maximum thickness of 10mm in multiple coats within 16 hours drying time between coats) and level smooth using levelling board.
4. Allow to dry over night.
5. Apply 2 coats of Sprayplaster FC and level using steel edged spatula.

OTHER FEATURES & BENEFITS OF SPRAYPLASTER SYSTEM

Flexibility | No Wastage | No Priming Required | Excellent Adhesion
Reduced Curing Time (Mist Curing) | Weight Reduction | Non- Hazardous



SPRAY APPLICATION MACHINERY

Spray machine

Through Put	7 - 15 ltr/min
Pump Pressure	Max 12 bar
Hopper Capacity	50 - 75 ltr
Hose Length	10, 15 or 30 meter

Compressor

Air Supply	500 ltr/min
Working Pressure	8 - 10 bar
Number of Cylinders	2
Tank	18ltr
3 phase	380 volt



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