

OVERVIEW

TERRACO Sprayplaster Lite is a light weight spray applied plaster with enhanced thermal insulation properties in powder form, with minimal shrinkage. It is suitable for exterior use where thicker applications are needed. It can be applied up to 30 mm in one coat to new or old solid surfaces of cast-in-situ concrete, aerated concrete, sand/cement render and concrete block.

PRODUCT GRADES/CODES

Basecoat BC100	77201
Finishcoat FC100	77202

PROPERTIES

TERRACO Sprayplaster Lite are ready-mixed powder compounds, formulated from a selected blend of hydraulic and organic binders, light weight inert filler and other additives.

The products are:

- Easy to apply.
- Smooth finish.
- Light weight system
- Excellent adhesion.
- Minimal shrinkage.
- Vapour permeable.
- Non cracking.
- Enhanced thermal insulation properties.

Basecoat BC100

For use on all types of construction substrates as a basecoat to level and rectify irregularities up to 30 mm thickness in one coat. It has excellent compressive strength, low shrinkage, good flexural and tensile strength. The plaster requires curing for up to 72 hours after application.

Finishcoat FC100

For use in all areas requiring up to 3mm coat thickness. For use as a finishing coat for Sprayplaster Lite BC100. It has excellent water repellency, good compressive, flexural and excellent tensile strength, with minimal shrinkage. It gives extra-smooth finish coat. Could also be used as a spray-spatter finish and body texturing compound.

AREA OF USE

TERRACO Sprayplaster Lite is suitable for exterior where thicker applications are needed. It can be applied up to 30 mm in one coat to either new or old solid surfaces of cast-in-situ concrete, aerated concrete, sand/cement render, and concrete blocks.

PREPARATION OF SURFACE

Ensure that dust, dirt and foreign matter are brushed away. Remove any ridges and traces of form oil or release agents. Mask off any area not to be covered. Glass fibre mesh is used to reinforce block/concrete interfaces. Micro angle beads should be used to reinforce corners. Terrabond SP primer should be used on cast-in-situ concrete prior to application of Sprayplaster Lite.

APPLICATION & CLEANING OF TOOLS

TERRACO Sprayplaster Lite BC100 is first mixed with 28 % water. Spray the first coat and level with steel edged spatula. Sprayplaster Lite BC100 can be applied up to 30mm in one coat. Excess material on the spatula should be returned to the machine.

The surface can then be finished using Terraco Textured Coatings or with a coats of Sprayplaster Lite FC100 before final painting.

Clean tools and equipment with water after use.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKAGING & STORAGE

Product is supplied in 20kg paper bags.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 6 months. Use oldest material first.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

TECHNICAL DATA

Product	Powder spray applied plaster.	
Composition	Mixture of cement minerals, organic binders and light weight inert aggregates.	
Grades	Sprayplaster Lite BC100	Sprayplaster Lite FC100
Consumption Rate	1.00 kg/m ² /mm	0.95 kg/m ² /mm
Thermal Conductivity	0.25 W/m. °k	0.26 W/m. °k (BC100+ FC100)
Shrinkage 28 days EN 12808-4	0.13	0.21
Tensile adhesion strength on concrete block (28days 23°C, 50% RH) DIN 18555-6	0.51 N/mm ²	0.90 N/mm ²
Compressive Strength DIN 18555-6	7.59 N/mm ²	13.35 N/mm ²
Flexural Strength DIN 18555-6	2.49	3.69
Water Demand	28%	32%
SG of paste	1.28	1.25
Water Repellency	Good	Excellent
Water absorption karsten tube On specimen , ml	30mins	0.15
	2hrs	0.5
	24hrs	>4
Colour	Grey	Grey & White
Application Equipment	Spray machine : TERRACO Spraypump Compressor : 600ltr./ min.	
Packaging	20 kg Paper bags.	
Storage	6 months in original unopened container.	

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