

PRODUCT DATA SHEET

SikaWall®-109 Premium Render

Hand or Spray Applied Polymer Enhanced High Build Render

DESCRIPTION

SikaWall®-109 Premium Render is a polymer enhanced mortar designed for internal and external render applications. SikaWall®-109 Premium Render is pre-bagged ensuring correct mixing proportions which avoids possible mixing errors on site. SikaWall®-109 Premium Render is suitable for hand or spray application and can be applied to a variety of substrates.

USES

- Blockwork
- Brickwork
- Internal and external concrete substrates
- Drywall
- Fair faced concrete
- Internal & external application

CHARACTERISTICS / ADVANTAGES

- Premixed for quality control
- Sprayable
- Excellent bonding characteristics
- Improved workability
- High build properties
- Low VOC

PRODUCT INFORMATION

Packaging	25 kg bag		
Colour	Concrete grey		
Shelf Life	9 months from the date of production.		
Storage Conditions	Stored properly in undamaged and unopened original sealed packaging. Protect from direct sunlight and frost.		
Compressive Strength	> 24 MPa @ 28 days		
Tensile Strength	> 2.5 MPa @ 28 days		
Shrinkage	Age at Test	SikaWall®-109 Premium Render Typical Performance Test Method	
	1 & 28 days	No crack between 1 & 28 days	Coutinho Ring (TM6)
Tensile Adhesion Strength	1.1 MPa @ 28 days		
Water Absorption	Initial water absorption --- test at 120min, ISAT ~ 0.02ml/(m ² .s)		

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The substrate on which SikaWall®-109 Premium Render is being placed must be structurally sound and stable and suitable to receive and support a render. All grease, oil, dirt and deleterious material must be removed. Substrate should be pre-wetted to a damp condition before rendering. If the render is applied by hand, we recommend a brush coat of Sikalatex® onto a damp substrate before applying the render.

MIXING

Mix using a forced action mixer or using a slow speed drill and paddle. Place the whole bag of powder into the mixing vessel and add approximately 4 litres of clean water. Mix for 3–5 minutes to achieve a homogeneous workable mortar.

APPLICATION

SikaWall®-109 Premium Render can be applied up to 50 mm thickness in a single application.

Pumping / Spraying:

To pump or spray SikaWall®-109 Premium Render, a continuous mixing and pumping machine should be utilized for both mixing and spraying. SikaWall®-109 Premium Render is continuously fed into the mixing machine hopper and mixed with clean water to provide a homogeneous workable mortar.

CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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LEGAL NOTES

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