



Product data

Verna's Cementitious wall putty

Description: Verna's Cementitious Wall Putty is a cement based filler with excellent water resistance. It is a high quality product to properly cover undulations of the concrete and plastered surfaces. It provides very smooth finish which enhances the final appearance of a coated surface.

Area of use: Verna's Cementitious Wall Putty is recommended for use on interior and exterior, precast or plastered concrete substrates, soffits, e.g. walls.

- Feature:**
- High adhesive strength & longer life for painted surface.
 - Excellent crack filling and no shrinkage.
 - Damp resistant smooth finish.
 - Excellent coverage and easy film build up to 2-3mm.
 - Superior Workability and longer pot-life.
 - Odorless and Eco-friendly

Substrates: Concrete, masonry, cement rendering, gypsum etc.

PHYSICAL CONSTANTS:

Colors/Shade nos: White/10000

Specific gravity: 1.45 kg/liter

Reference dry film thickness 2000 micron (79 mils).

- Surface preparation:**
- Cleanliness: the surface should be dry and clean prior to application.
 - New build: concrete must be cure completely. For 28 days minimum.
 - Maintenance and repair: remove dust, loose material and any other contaminations

Application:

Cleaner: Fresh water

Application method: Trowel

	Low	high
Film thickness:	dry film thickness: 1000 micron	dry film thickness 3000 micron
	wet film thickness: 1000 micron	wet film thickness 3000 micron
	theoretical spreading rate : 1m ² /L	0.3m ² /L





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- Application condition:** - Surface temperature must be above 5°C [41°F] during application and curing.
- Relative Humidity:** *Relative humidity must be below 75% during application, drying and curing.*
- Application remarks:**
- Thoroughly dampen the surface of the concrete with clean water to provide a saturated surface dry condition (SSD).
 - Any excess water shall be removed prior to application.
 - Ensure to not use it on metal or any non-absorbing surfaces. - Mixing Ratio of Water: Fresh Water (7.5 to 8L for 25Kg Bag) - Application Conditions & Mixing:
 - Prior to starting application, properly wet the substrate with clean water and ensure it is damp while application.
 - Mixing should be done in a clean plastic or non-corrosive metal bucket.
 - For optimum results, mixing should be performed using a forced action high shear mixing paddle powered by a heavy duty electric mixing drill.
 - Add the pre-measured amount of clean water to the bucket. Add the Putty 683SY-11630 powder slowly to the water whilst mixing and mix continuously for 3 - 5 minutes until a smooth, homogenous, lump free consistency is achieved.
 - Once mixed, allow the mix to rest for about 5 minutes and mix it again without adding any extra water prior to application, also hard and set paste should not be remixed or reused.
 - Care should be taken that hard & lumpy materials are not to be used.
 - Use within 1 hour after mixing and do not add extra water.
 - Spreading Rate: 1.71 kg/m² per 1 mm thickness (*may vary due to site wastage and substrate profile.)
 - Application thickness, wet: 1 to 2 mm in single layer and further coats to increase thickness may be applied after the waiting time of minimum 3 hours.
 - For Interior application, Verna's WB Primer (28830) is to be applied on top of 683SY, followed by a skim coat of Vernal's Mastic Filler (386SY) before application of topcoats.
 - For Exterior application, Vernal's WB Primer (28830) is to be applied on top of 683SY, followed by a skim coat of Verna's Exterior Filler (38900) before application of topcoats.

Overcoating:	Quality name	10C°			20C°			40C°		
		MIN	MAX	Ext	MIN	MAX	Ext	MIN	MAX	Ext
Verna's cement wall putty	MIN	6 h			3 h			90 mints		
	MAX	Ext			Ext			Ext		
Verna WB primer	MIN	6 d			72 h			36 h		
	MAX	Ext			Ext			Ext		





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Shelf life:	12 months at Ambient temperature 25°C [77°F] Shelf life from date of production, when stored in original, unopened containers. Thereafter, the product quality must be re-inspected. Storage at elevated temperatures may reduce shelf life. For advice, please consult Hempel.
Storage conditions:	- Product must be stored according to local legislation, at maximum 40°C [104°F], without direct sunlight and protected from rain and snow. - Temperature must not go below 0°C [32°F] during transport and storage
Certifications and Standards:	Compressive Strength BS EN1015-11: 28 days ≥ 10.0 Mpa Flexural Strength BS EN 1015-11: 28 Days ≥ 3.5 MPa Adhesive Bond BS EN 1015-12: 28 Days ≥ 1 Mpa Water retention ASTM C1506-2017 ~99% Setting time BSEN 196-3 – 8 to 9 hours @ 25 degree Celsius
Product safety: VOC content	0g/L
Handling	Handle with care. Before and during use, observe safety labels on packaging and paint containers and follow all local and national safety regulations. Always consult Verna's Safety Data Sheet for this product along with the Product Data Sheet.

This Product Data Sheet supersedes those previously issued. For definition and scope, see explanatory notes to applicable Product Data Sheets.

Data specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User. The Products are supplied, and all technical assistance is given subject to VERNA GENERAL CONDITIONS OF SALES, DELIVERY AND SERVICE, unless otherwise expressly agreed in writing. The Manufacturer and Seller disclaim, and Buyer and/or User waive all claims involving, any liability, including but not limited to negligence, except as expressed in said GENERAL CONDITIONS for all results, injury or direct or consequential losses or damages arising from the use of the Products as recommended above, on the overleaf or otherwise. Product data are subject to change without notice and become void five years from the date of issue.

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