

Environmentally Protective Coating “Gröman-nano™” GN8254 Penetrating Wall Primer

Usage

It is suitable for building walls / mortar rendering, masonry surface which are subject to corrosive environment.

Interval between coating:

Substrate temperature	0~10°C	10~20°C	20~30°C
Minimum time	8 hrs	6 hrs	4 hrs
Maximum time	No limitation		

Characteristics

- Good adhesive performance which can withstand acid / alkali corrosion.
- Effective sealing ability.
- Tough and Fast-drying.
- Low VOC, non-flammable, un-disruption, highly suitable for space with stringent requirements.
- Environmentally friendly and non-toxic, no solvents such as phenol, benzene etc.
- Suitable to work in moist and hot environment, shorten the building completion time.
- Coating membrane is of high elongation value. This elastic property stops the substrate cracks affecting the top coat.
- Exceptionally smooth and neat coat film. It can be easily managed by using ordinary airless sprayer and accessories.

Composition

Consists of dispersion type water-based cation resin, acrylic emulsion, filler and additives.

Color : Standard White

Application

Can be brushed or rolled and thinned down with soft water.

VOC:

Type of regulated paint under the Air Pollution Control (Volatile Organic Compounds) Regulation Code: P10-11.

VOC content (ready to use) < 50 g/litre

DFT: 15 µm/coat

WFT: 20 - 30 µm/coat

Coverage: Approx. 15 - 22 sq.m./kg/coat

No of coats: suggested 1 - 2 coats

Technical Specification

Solid Content	≥ 25%	
Adhesion Test	≤ Class 2	
Brushability Test	> 8000 cycles	
Elongation at break	≥ 200%	
Water Resistance Test (23°C ± 2°C)	240 hrs - excellent	
Drying time:	Touch dry	0.5 hrs
	Fully dry	12 hrs

Top Coat: Gröman-nano™ GN8293 Super HG Exterior Wall Nano Coating or Gröman-nano™ GN8192 Super Interior Wall Nano Coating of the same series.

Surface preparation:

- Remove all efflorescences and debris, dirt etc.
- Rinse thoroughly by clean water. Wrap dry by cloth, mop or sponge.
- Degrease the surface by Growseal™ degreaser, if any.
- Repair all visible cracks, honey-combs etc. by proper rendering materials.

Packing: 20kg / pail

Shelf Life: 18months. Keep in cool dry place.



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Remarks:

- Surface preparation is important before applying. If the surface was **NOT** properly treated, all surface coating will be non-effective in a short time.
- Should **NOT** be applied during raining or snowing conditions or with relative humidity over 85%.
- Do **NOT** apply to substrates at temperatures below 5°C.
- After a long storage time, precipitation may appear at the bottom of the pail. This is quite normal. **Stir thoroughly before applying, a good coating will then be restored.**
- The suggested coverage rate is just for reference only. Actual consumption depends on the required coating thickness and method of application.
- Store in cool dry place. Away from any heat source.
- Protective coating, gloves and goggles should be put on during application. Good ventilation should always be provided for easy drying. During accident with eye contact, rinse immediately with clean water and consult the medical doctor.
- The coating can be thinned to required viscosity by soft water between pH 8.5-9.5 not more than 40% v/v.
- The coating cannot be mixed with other coating or solvent.
- This description is written entirely based on our own practical experience and testing. It could be used as a guideline for application. However, we have no idea on the working environment of the site, conditions of storage, method of application etc., we shall only be responsible to our products. With the advancement in technology, we reserve the right to revise this description without prior notice.

The information given on these product data sheet is based upon tests believed to be accurate at the time of printing, but since we have no control over the working conditions, materials involved and the circumstances under which the purchaser stores, handles or used this material, we make no warranty or condition, either express or implied, with respect to this material. We reserve the right to alter any of the foregoing information at any time without prior notice.



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