



Xtreme Grouting Binder

VDW 833

VDW 833 is designed for large format natural stone, concrete paver surfaces, and other high traffic areas. The following are specific details about the product:

- Limited water permeability
- Can be applied in rain and low temperatures
- Self-compacting
- Highly frost and de-icing salt resistant
- Durable and abrasion resistant
- Minimum 3/16th joint width or larger, depending on traffic load
- For medium to heavy traffic loads

Available Colors

We currently have 5 colors that you can choose for VDW 833:



Light Sand



Heather Grey



Slate



Slag



Black



Technical Data

Application Time

Approx. 1 hr at 20°C | 68°F application temp.

Application Temperature

2-26°C | 37-80°F (Do not lay onto frozen ground.)

Compressive Strength

Approx. 35,0 N/mm / 5076 psi

Flexural Strength

Approx. 10,0 N/mm² / 1450 psi

E-Modulus

5,500 N/mm²

Dry Density

Set mortar density: 1,62 g/cm³

Water Permeability

106.2 iph = approx. 0.06 gal/min/sq. ft. for a joint fraction of 10%

Storage Life

1 year if stored unopened in sealed and undamaged packaging. Must also be kept dry and frost-free. Do not store at temperatures above 20°C / 68°F

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Installation Instructions

For VDW 833

1. Construction Site Requirements

A stable, load-bearing structure, a water-permeable sub-base and the paving layer must all be correctly designed and installed for the anticipated traffic loads and in accordance with AMTS. VDW 833 Grouting Binder is designed for small up to large format and cannot be used to compensate any settlement of the substructure, or for the sealing and waterproofing of any surfaces. Movement joints must be installed as necessary to comply with the required structural design and any anticipated levels of movement. The VDW 833 Grouting Binder can be applied on damp / wet paving and in high humidity and even in the rain.

2. Preparation

Preparation / Pre-wetting: Clean the surface thoroughly of all dirt, cement residues, organic materials or any other possible contaminants including cleaning out all of the joints to the required depth. Thoroughly pre-wet the surface of the paving and mask adjacent surfaces which are not to be jointed. Always use clean and fresh tap water!

3. Mixing

Open your SHS 55lb bag of sand and pour it into a pail or an appropriate mixer such as the SHS Distributors cone mixer. Add (component A and B) of the VDW 835 N Grouting Binder liquid from the bottles into the pail or mixer and mix for 3 to 5 minutes until smooth and homogeneous. Proper mixing is important! When mixing in a pail, use the appropriate spherical paddle mixer or SHS superior auger mixer to insure a properly mixed end product. Any material that is not thoroughly mixed must not be used. No water should be added during the mixing process.

4. Filling the Joints

Apply immediately after mixing, by pouring the VDW 833 Grouting Binder directly onto the pre-wetted surface. Work the self-compacting material thoroughly into the joints using a rubber squeegee. If the viscosity of the product diminishes, re-moisten by spraying lightly with water from a hose. The paved area must be kept constantly wet during application. We recommend working from the highest to the lowest points. Do not mix part units of the product. Any unmixed material must not be used.

5. Brushing Off

Remove any excess VDW 833 Grouting Binder residue from the area after about 5 min. (immediately at temperatures over 20 °C / 68 °F) spraying lightly with water from a hose at a distance of about 25cm. Avoid washing material out of the joints. Be careful to clean the paved surface towards areas not yet jointed and do not allow any water containing residues to pond, stand, dry out or run-off over completed areas. Finally, remove any remaining fine residues, again with a damp coconut fiber brush – do not brush any residual dry material into any unfilled joints. Clean this brush in water frequently.

6. Important Information

Remain off the freshly applied areas for a period of min. 24 hours, or until the paving surface is no longer tacky. Then the areas can be walked over. The area can be fully released to vehicular traffic after 3 – 5 days, when fully hardened. In general, a strength test should be carried out before final clearance of the area. A very thin film of the resin binder will remain on rough surfaces or any surfaces that are not cleaned thoroughly. This film will disappear after a period of exposure to traffic and weathering.

Recommended Tools



Broom & Squeegee Bundle



2 Part Resin Mixer

How To Guide

