



*The next generation
in permeable hardscape*



PERMEABLE HARDSCAPE
North America

Xtreme Easy

vdw 840 plus

The PHNA Xtreme Easy is a pre-mixed, 1-component resin paving joint compound suitable for concrete pavers, natural stone, and tile. The following are a few specific details about the product:

- Water-permeable
- Air-drying
- Self-compacting
- Can be applied in light rain
- Clean, stain-free surface
- Pressure washer friendly
- 1/8" minimum joint width suitable for ceramic tile, 1/4" for concrete pavers, and up to 1" joint width for natural stone
- For pedestrian traffic loads

Available Colors



Neutral



Stone Grey



Silver Grey



Basalt

Contact

PHNA Headquarters

10650 Culebra Road, Suite 104-553
San Antonio, TX 78251

(844) 880-5065
info@phnausa.com

Additional information, installation videos, and a Consumption Calculator can be found on our website:

www.phna-usa.com



Technical Data

Application Time

Approx. 45 minutes at 20°C | 68°F* application temp.
*Quick hardening at higher temperatures, and slow hardening at lower temperatures.

Application Temperature

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

Compressive Strength

16.0 N/mm² / 2320 psi

Flexural Strength

8.0 N/mm² / 1160 psi

Minimum Joint Requirements

1/8" joint width tile; 1/4" concrete pavers

Recommended min. 30 mm / 1.18" depth

Joint widths >1/2": depth must be at least twice the width

Dry Density

Set mortar density: 1.6 g/cm³

Water Permeability

approx. 0.075 gal/min/sq. ft. for a joint fraction of 5%

Storage Life

18 months 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



Installation Instructions

for PHNA Xtreme Easy / vdw 840 plus

1. Construction Site Requirements

A stable, load-bearing structure, water-permeable sub-base, and the bedding layer - we recommend the [PHNA Xtreme Trass Bedding Compound \(vdw 480\)](#) - must all be correctly designed and installed for the anticipated traffic loads and in accordance with ASTM. The PHNA Xtreme Easy jointing compound is designed for the quick and easy grouting of concrete pavers, ceramic tile, and natural stone. The Xtreme Easy cannot be used to compensate for any settlement of the substructure. Movement joints must be installed as necessary to comply with the required structural design and any anticipated levels of movement. The PHNA Xtreme Easy jointing compound can be applied on damp / wet paving and even in light 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. We recommend a pre-treatment with the [PHNA Xtreme Stone Protect 3-in-1 \(vdw 950\)](#) for any porous and/or sensitive paving surfaces - please allow at least 24 hours after application prior to grouting. 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. Filling the Joints

Open your bucket of PHNA Xtreme Easy jointing compound and cut open the vacuum-sealed packaging. Pour the PHNA Xtreme Easy jointing compound directly onto the pre-wetted surface in small piles. Add water to the material using a gentle water spray, and work the self-compacting material thoroughly into the joints using a rubber/foam squeegee and/or stiff broom. 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. All tools and shoes should be regularly cleaned with water.

4. Cleaning Off

Remove any excess PHNA Xtreme Easy jointing compound residue from the area by spraying lightly with water from a hose. 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, or dry out on the completed areas. Finally remove any remaining fine residues with a damp coconut fiber brush – do not brush any residual dry material into any unfilled joints. Chamfers must be brushed free carefully, as performance cannot be guaranteed on these. Clean this brush in water frequently.

5. Important Information

Remain off the freshly applied areas and protect them from heavy rain for a period of min. 24 hours, or until the paving surface is no longer tacky. Then the areas can be walked over. In general, a strength test should be carried out before final clearance of the area after 7 days. A very thin film of the resin binder may 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.

The PHNA Xtreme Easy is not recommended for use around swimming pools - we instead recommend our Xtreme Ceramic, Xtreme, or Xtreme Plus jointing compound.

No direct legal liability can be assumed based on the data in this Product Information Sheet, or from any verbal advice unless this advice is expressly confirmed by us in writing. This Product Information Sheet replaces all previous versions. We reserve the right to make changes. Effective November 2022.