



**STONE PAVING
TECHNOLOGIES**

VDW 815 – Sanded Epoxy Paving Joint Mortar

For medium traffic loads

For medium traffic loads or natural stone, reconstituted stone, brick and concrete block paved surfaces on driveways, roads and other trafficked paved areas, including those used by delivery vehicles etc.

- Fast, durable, cost effective
- Easily flow applied
- Water permeable
- Self-compacting
- Mechanical sweeper resistant
- Excellent abrasion resistance
- Frost and de-icing salt resistant
- No weeds or boring insects
- **Can be applied in the rain**
- Environmentally friendly

Application:



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. Joint

depth: > 1.18" (in areas of heavy or frequent vehicular traffic the total joint depth of the bedded paving units should be used), Joint width: > ¼", The ambient and substrate temperatures should be min.37.4°F, **max. 77° F**.

Tools:

A compulsory forced action mixer oar drill with suitable mixing paddles. Water supply, a hose spray nozzle, a squeegee and a coconut fiber brush. Uncured mortar can be cleaned from the tools with water.

Test area:

On some reconstituted or sensitive natural stone paving, the **vdw 850** binder contact can make the stone appear darker or to have a wet look. **Always apply a test area first.**

Preparation:

Clean the surface of all dirt, cement residues, organic materials, or any other contaminants, including cleaning out all of the joints to the required depth.

Pre-wetting:

Fully saturate the paved surface before starting the application.

Mixing:

Pre-mix the **vdw 850** resin coated aggregate (component A) materials in the pail. Then add all of the vdw 850 liquid hardener (component B) in the bottle included in the pail and mix until smooth and fully homogenous. **No water should be added to the material during mixing!**

Filling the joints:

Spread the mortar across the paved surface using a rubber squeegee and work thoroughly into the joints, where it self-compacts. We recommend filling the joints from the highest to the lowest points.

Brushing off:

Remove any excess **vdw 850** mortar after approx. 5 minutes or immediately at temperatures higher than 59°F, then rinse by spraying lightly with water from a hose at a distance of about 10". Avoid washing material out of the joints. Be careful to clean the paved surface towards areas not yet jointed. Finally remove any remaining fine residues, again with a damp coconut fiber brush - do not brush any residual dry material into any unfilled joints.