Vuba
Resin Bound Binder UVR
Technical Datasheet

Vuba Resin UVR is a UV Resistant Hybrid Polyurethane Resin Binder

Vuba Resin UVR is an aliphatic, polyurethane resin binder that comes in 2 parts. Part A (Resin) and Part B (Hardener) and is for use as a stone encapsulation binder for both pedestrian and vehicle trafficked areas.

Shaling Resistance

We sent Resin Bound Binder UVR for a Determination of Scuffing Resistance Test, which assesses the Resin Bound Surfacing's ability to withstand shaling from an abrasive wheel, a crucial test in our industry. We found that Vuba Binder exhibited no loss in texture depth after exposure to abrasion, scoring a **0.8 Erosion Index.** With our industry lacking a British Standard and misinformation rampant, we value the clarity provided by this genuine test offering contractors a reliable benchmark for assessing product quality.

Curing Times

The curing time is determined by the inclusion of Dibutyltin Dilaurate Catalyst. Please see the 'Vuba Catalyst' Technical Datasheet for more information.

Application Guidance

See the 'Vuba Resin Bound System' Technical Datasheet and Method Statements for advice on the correct application technique.

Storage

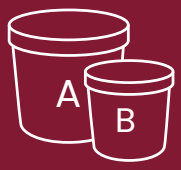
Store above 7°C temperature and not in direct sunlight. Ensure contain is unopened and the seal is not broken. Store for 3 months.

Technical Data

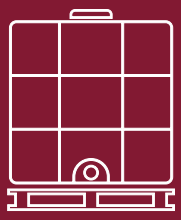
Properties	Value
Type of Resin	Polyurethane Resin
UV Stability	UV Resistant
Maximum Humidity	90%
Erosion Index*	0.8
Fire Rating*	BFL-s1
Full Chemical Cure	8-10 Days
Processing temperature	5°C - 30°C

* When combined with aggregates in a resin bound system.

Available Sizes



7kg and 7.5kg Vuba Resin Bound Binder UVR



IBC Bulk Load 1000kg

Official Test Results

0.8

Erosion Index which is a perfect score on a Shaling Test.

Benefits



Vehicle Traffic Suitable to take vehicle weights and trafficked areas.



Shaling Resistant We tested our products with a scuffing test and achieved a 0.0 Erosion Index.



UV Stable Completely UV stable, aliphatic Resin.



Long Term Flexural Resistance High flexural strength and durability.



15 Year Warranty Going up to **25 years** when installed on VubaMac.

Certification

Flood Innovation Centre

POROUS PAVING SuDS Compliant

Bfl-s1

BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 24/7248



Health and Safety

Part A (Resin) is not classified as a dangerous substance; however, the wearing of goggles is to be recommended. **Part B (Hardener)** contains a non-volatile isocyanate. Avoid prolonged contact with skin. In cases of contact with eyes, flush out with excess water and seek medical attention. Wear goggles.

Disposal Considerations

Normally the Part A resin will be mixed in its own container with Part B. When this is done correctly the resultant material in the container is inert and the label must be defaced. The container and remnant may be disposed of as normal industrial waste. Any uncured material must be disposed as hazardous waste. Please consider the regional or national regulations regarding disposal.

Packaging Information

Available in a 7kg and 7.5kg size, and a 1000kg IBC Bulk Load.