

# PERMABOUND

## PERMABOUND UVR TECHNICAL DATASHEET

### DESCRIPTION

PERMABOUND UVR+ resin binder is a market-leading polyurethane binder, manufactured to stringent standards to produce a binder of the highest quality. Our two-part aliphatic resin has been formulated to ensure it will not discolour or degrade over time, even in the most extreme temperatures and climates. By using the essential feedback from hundreds of resin bound installers and skilled chemists, we were able to design and formulate one of the best resin bound gravel binders available on the market today which is up to three times stronger than other available binders.

Our stone binder is a two-component system which is supplied in two parts: Part-A and Part-B. The separate components are accurately weighed in order to ensure that the precise amount of material is provided and at the correct ratio. PERMABOUND is available in three sizes; 7.5kg, 7kg and 6.5kg to ensure you have the most suitable binder for each project.

PROPERTY	VALUE	UNIT OF MEASURE
Density (at 25°C)	1.09	g/cm <sup>3</sup>
Viscosity (at 25°C)	2600	mPas
Mix Ratio	100:95	x:x
Hardness	62	Shore D
Tensile Strength	20.3	MPa
Elongation at Break	51	%
Flexural Strength	4	MPa
Operating Temperature	-10 to +60	°C (±5)
Curing Time (at 21°C)	60	Minutes (±10)

This information was compiled following testing carried out by a suitable third-party organisation for impartiality.

**FOR INSTALLATION  
INSTRUCTIONS, DOWNLOADS,  
VIDEOS OR FURTHER GUIDANCE  
VISIT**

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