

## Product features

Ready-mixed mortar for setting and jointing mineral, ceramic and metallic wear protection materials. EPOXY RESIN 6101 is a ready-mixed Portland cement mortar characterized by fast initial hardening and medium to high strength; it is offered in bags.

## Quality features

EPOXY RESIN 6101 is designed to ensure optimal setting properties and high quality.

Product properties

Feature	Unit		Data
Working time after mixing	hours	(at 20 °C / 68 °F)	2~3
Curing time after application	hours	(at 20 °C / 68 °F)	at least 72
Earliest start-up of component (depending on specific use)	days	(at 20 °C / 68 °F)	after 3~7
Setting thickness	mm		10~30
Joint width	mm		3~6
Max. application temperature	°C		150

Due to the manufacturing process, it is not possible to exclude small variations in the properties of the product. These variations are typical of hydraulically curing mortar products and may include fluctuations of working, hardening and product properties attributable to temperature and specific application.

Approximate figures are given for all technical data. They are based on assessment of tests on specific samples and cannot be considered as a guarantee for which JWAM would have to assume legal responsibility.

Subject to technical changes and errors.

## Preparations and Working of EPOXY RESIN 6101

Preparation of metallic surfaces

The surface shall be clean, free of dust and dry.

Additional mechanical attachment will be required when used for vertical surfaces and in case of increased mechanical stress, e.g.vibrations.

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## Preparation of mineral surfaces

A rough form work surface is adequate.

The surface shall be free of dust, forming oil, grease and form work remains.

The surface shall be wetted prior to installation.

Additional mechanical attachment will be required when used for vertical surfaces and with increased mechanical stress, e.g. vibrations.

Preparation	
Ambient temperature during mixing and working	5~30 °C
Product and water temperature	5~25 °C
Temperature of wear protecting material and structural component	5~ 30 °C
Mixing ratio (portions by weight)	
EPOXY RESIN 6101 : water	8-10 : 1
Mixing period	5~10 minutes
Typical mixture	25 kg EPOXY RESIN 6101 +2~2.5 liters of water
Note:	
Intense mixing required.	
Use only clean potable water.	

Small amounts of water may be added later for moistening the finished mixture again provided the mixture is worked immediately afterwards.

## Working

### Trowel or spatula

Apply EPOXY RESIN 6101 and fix wear protection materials by slight pressure. Remove excess mortar from joints.

### When back filled:

Have EPOXY RESIN 6101 distributed evenly and compacted by vibrating. Remove excess mortar from joints.

## Notes

Packaging: 25kg EPOXY RESIN 6101

Storage in closed packages: 6 months under dry conditions

