

DESCRIPTION



TamRez 405 is a three component, pourable, high strength epoxy grout designed for base plate grouting and to anchor dowel and tie bars into concrete pavements. It can also be used for bonding miscellaneous materials to concrete where a fast cure is required.

TamRez 405 is available in three grades, Standard, Low exotherm and UW under water

KEY BENEFITS

- > Large range of applications
- > Low exotherm
- > High early strength

TYPICAL APPLICATIONS

- > Base plate grouting
- > Anchoring dowel and tie bars into concrete pavement
- > Setting parking bumpers
- > Bonding pre-cast segments

YIELD

1 kg = 0.5 litres

PACKAGING

TamRez 405 is supplied in 20 kg packs. Packaging size may vary subject to local regulations and requirements.

TECHNICAL DATA

TamRez 405			
Density	2.0		
Viscosity	4500 – 5000 mPa·s		
	Standard Set	Low Exotherm	UW
Mix ratio	Full 20 kg packs only		
Final cure	3 days	28 days	28 days
Pot life (200g) ISO 9514	35 mins	50 mins	50 mins
Gel time (200g)	1 – 2 hours	2 – 3 hours	2 – 3 hours
Compressive strength ASTM C579	> 70 MPa	> 70 MPa	> 85 MPa

All technical data stated herein is based on tests carried out under laboratory conditions.

APPLICATION GUIDELINES

All surfaces should be clean and free of any loose or flaking material. Holding down bolts, tie bars etc. should be degreased and all loose and flaking rust should be removed. Free water should be removed but there is no need for surfaces to be totally dry.

Mixing

Mix the individual components Part A and Part B separately using a slow speed drill and paddle mixer for approx. 30 seconds. Add the proper ratio of Part A – resins to the Part B – Hardener in a large mixing container (plastic preferred) and mix for a further 2 minutes. Longer mixing times may be required in cooler weather.

Empty the contents of Pack A and Pack B into a suitable container and mix thoroughly. Immediately transfer the mixed liquid to a suitable grout mixer. Stir in the contents of Pack C and continue mixing until a homogeneous material is obtained.

It is recommended that the material is conditioned to appropriate temperatures for at least 12 hours prior to application.

SUBSEQUENT FINISHES / ONGOING MAINTENANCE

For cleaning tools and equipment, we recommend the use of TamRez Cleaner. Thoroughly clean equipment immediately after use

STORAGE

TamRez 405 should be stored at room temperature (min 10°C and max 38°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of one year can be expected.

HEALTH & SAFETY

TamRez 405 should only be used as directed. We always recommend that the Safety Data Sheet (SDS) is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Safety Data Sheet is available upon request from your local Normet representative.