

Tunnel Segment Pointing Compound

DESCRIPTION



TamCrete TP is a shrinkage compensated, single-pack, cement based pointing mortar for use in areas where movement is anticipated. TamCrete TP exhibits good adhesion to cast iron, concrete blocks and concrete, making it suitable as a replacement for standard mortars where they have already deteriorated due to chemical attack or movement cracks.

KEY BENEFITS

- > Semi-flexible - compensates for minor movement
- > Waterproof
- > Breathes like concrete
- > Good adhesion
- > Non-toxic
- > Economical and simple to apply
- > Resistant to alkalis and dilute acids

TYPICAL APPLICATIONS

- > Tunnels
- > Water containment
- > Foundations
- > Dock gates
- > Retaining walls
- > Lift shafts

APPLICATION GUIDELINES

As with all TamCrete systems, surface preparation is of prime importance. Remove all grease, oil, dust, laitance and other contaminants before applying.

Loose concrete, brick or mortar should be cut back to a sound base. Water leaks should first be repaired using the correct grade of Normet leak sealing resin. All joints to be pointed should be thoroughly cleaned with water to ensure a good bond between the TamCrete TP and the substrate.

Mixing

Place 6 - 7 litres of clean water in a clean mixing vessel. Using a low speed paddle mixer add the powder (25 kg) until the correct consistency is obtained. Leave to stand for 5 minutes and then remix to ensure that all the chemicals have completely dispersed. 25 kg of TamCrete TP yields approximately 13 litres, sufficient to point 50 linear metres of joints at 12.5 mm x 19 mm.

Application

TamCrete TP is specially formulated for tunnel segment pointing and we suggest the following procedure be adopted so as to eliminate any pressure build up.

- > Point the top cross joint followed by the circular joint down to the next two joints.
- > From these cross joints, continue down to the invert, leaving at least 300 mm of the joint.
- > All TamCrete TP must be firmly pressed into all the joints.
- > Pointing can be done mechanically using a pressure pointing machine or traditional pointing.
- > When the TamCrete TP has set hard it is recommended to point the inverts.

Chemical Resistance

TamCrete TP has outstanding wear and weather resistance. It has good chemical resistance to gasoline, diesel, oil, sodium hydroxide, calcium chloride, de-icing salts and treated sewage.

PACKAGING

TamCrete TP is supplied in 25 kg bag. Packaging size may vary subject to local regulations and requirements.

STORAGE

TamCrete TP 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 six months can be expected.

HEALTH & SAFETY

TamCrete TP 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.