

Rapid Setting Waterproof Modified Plug

DESCRIPTION

TamCrete PolyPlug is a fast setting, polymer compound that instantly stops running water or seepage through masonry or concrete substrates. It becomes harder and more resistant when subjected to constant water pressure. TamCrete PolyPlug is a non-shrink material that expands slightly and sets in about two minutes, depending on the temperature of the mixing water and the surface to which it is applied. Lower temperatures will retard the set time and higher temperatures will accelerate the set time.

KEY BENEFITS

- > Stops running water
- > Fibre reinforced
- > Polymer modified
- > Non-shrink, non-metallic
- > Exceptional durability
- > Lasts as long as the structure to which it is applied
- > Easy to use - no special skills or tools required

APPLICATION GUIDELINES

Mixing

Mix TamCrete PolyPlug with clean water only. Add just enough water to form a putty consistency.

Do not use more TamCrete PolyPlug than can be placed in two minutes, whilst allowing for only a 30 second mixing period. Place with minimum working or rubbing. Force TamCrete PolyPlug into the crack or hole by pushing firmly; using maximum pressure. Keep damp for at least 15 minutes to help curing.

To help key the material always dovetail cut or cut square; do not use V-cut. Open the crack or hole by cutting to a minimum width and depth of 20 mm. Flush away all cuttings and dust.

To seal flowing water

Cut out crack or hole to a minimum width and depth of 20 mm. Dovetail cut if possible. Start at the top and force TamCrete PolyPlug into the crack. At points of greater pressure, do not place into the opening immediately. Hold in a gloved hand or on a trowel until slight warmth or drying occurs and then press firmly into the opening. Do not remove trowel or hand too soon. After stopping active water, patch evenly the surrounding wall surfaces.

To seal floor / wall joints

Cut out crack to a minimum width and depth of 20mm, while cutting back into the wall slightly. Flush away all cuttings and dust. Smooth out the crack by forcing a round tool inside. Form fillet at the junction.

To repair leaking mortar joints and cracks in masonry walls or cracks in concrete walls

Cut out defective mortar joints or cracks to a minimum width and depth of 20 mm. Dovetail cut if possible. Force TamCrete PolyPlug into the crack and keep damp for at least 15 minutes.

For holes, blister patches, honeycombing and other construction faults in concrete walls

Remove all tie wires, wood or steel separators by cutting back from the surface to a depth of 25 mm. Mix to the consistency of mortar and fill all holes, blisters, patches, honeycomb and other construction faults, flush with surrounding surfaces. Scratch the finished surface for later applications.

For anchoring bolts or metal posts in concrete or masonry

Drill a hole deep enough to properly secure bolt or post and large enough so there is at least 13 mm on all sides of bolt or post. Fill hole with TamCrete PolyPlug and tamp so the entire hole is full. Immediately centre the bolt or post over hole and force the TamCrete PolyPlug and tamp firmly around bolt or post; keep moist for 15 minutes. Apply no pressure to bolt or post for 6 hours.

Above normal temperatures

TamCrete PolyPlug begins to set very quickly when the temperature is above 25°C. For best results make sure product and mixing water are below 25°C at time of application, otherwise set will begin immediately and structural strength will be weakened. To slow down the setting action during warmer conditions use iced water to mix.

Note: Extreme weather conditions will retard or accelerate TamCrete PolyPlug setting time.

YIELD

1 kg = 0.46 litres

TamCrete PolyPlug

normet

CONSTRUCTION CHEMICALS

TECHNICAL DATA SHEET

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PACKAGING

TamCrete PolyPlug is supplied in 5 kg and 20 kg pails. Packaging size may vary subject to local regulations and requirements.

STORAGE

TamCrete PolyPlug 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 up to six months can be expected.

HEALTH & SAFETY

TamCrete PolyPlug 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.

Whilst any information and/or specification contained herein is to the best of our knowledge, true and accurate, we always recommend that a trial be carried out to confirm suitability of the product. Please note regional climatic conditions may cause a variation in the performance of the product. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives, agents or distributors. The information in this data sheet is effective from the date shown and supersedes all previous data. Please check with your local Normet office to confirm that this is current issue.