

DESCRIPTION



TamCrete TopShot is a specially formulated cement based, pre-bagged, guniting mix for dry spray application. It is suitable for sprayed repairs, infilling of piles and is designed to be used as a regulating layer in sprayed concrete linings. TamCrete TopShot can be supplied with the inclusion of microsynthetic fibres to provide fire resistance properties.

TamCrete TopShot can be sprayed using a Normet Piccola or GM drymix sprayed concrete pump (Previously known as MEYCO Piccola and GM).

KEY BENEFITS

- > Pre-blended and bagged to ensure uniformity and quality
- > Specifically designed to reduce rebound and waste
- > High build with one application
- > User friendly dry mix guniting spraying
- > Just add potable water as required
- > Excellent bond to steel and prepared substrates
- > Steel protection due to high density and alkalinity
- > Microsilica rich formulation providing enhanced concrete durability and compressive strength

TYPICAL APPLICATIONS

All types of new construction and repair including:

- > Mining applications for stabilising and strengthening e.g. ribs, tunnel walls, underground workshops, roofing and back walls, protection of portals and embankments.

- > Initial ground stabilisation in shaft construction, prior to installation of pre-cast concrete segments
- > Infilling piles to produce smoothing layer prior to waterproofing
- > Sprayed concrete regulating layer for tunnel smoothing prior to application of sprayed applied water proofing systems such as TamSeal 800, or to create a smoothed final coat
- > Fireproofing and steel encasement
- > Infilling of core holes in underground excavation linings
- > All concrete repairs, including sewers, marine environments, bridges and tunnels
- > Can be used as a hand placed R4 repair mortar for smaller concrete repairs

TECHNICAL DATA

TamCrete TopShot		
Compressive strength	40 - 45 MPa	1 day
	50 - 55 MPa	7 days
	65 - 70 MPa	28 days
Chloride ion content EN1015-17	0.014%	
Measurement of bond strength by pull off EN1542	2.0 MPa	
Bulk density	1350 kg/m ³	

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

APPLICATION GUIDELINES

It is essential to prepare the substrate using good concrete practice, ensuring that all loose or unsound materials are removed and that the surface is clean and free from dust and debris. Steelwork should be thoroughly cleaned and primed.

The completed application should be protected against drying out, preferably by using an approved curing method such as TamCrete 46.

APPLICATION EQUIPMENT

TamCrete TopShot should be dry sprayed using a Normet Piccola dry spray pump (Previously known as MEYCO Piccola), by an experienced nozzle man. The water/powder ratio should be adjusted on site to control surface finish and dust. Advice on the application of TamCrete TopShot with Normet Piccola equipment, including training and machine commissioning, can be provided by your local Normet representative.



For further technical information, please contact your local Normet representative.

STORAGE

TamCrete TopShot 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 TopShot 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.