

MAPEI UTT Shotcrete Solutions



MAPEI's Underground Technology Team (UTT) combines go-to expertise for shotcrete technology and the product solutions to match.

- › Accelerators and synthetic fibers are among our full range of underground construction and mining solutions, which also include superplasticizers, water reducers, hydration control, retarding agents and curing compounds, as well as packaged and bagged shotcrete mixes.
- › All products can be supplied directly to your jobsite – even in bulk.
- › Our technical experts can work with project engineers to help with the design, bidding and specification processes.
- › We can provide hands-on field support with our own trained and certified shotcrete technical experts.
- › Our technical experts are experienced with most makes and models of shotcrete equipment.
- › MAPEI's UTT experts are certified in current shotcrete standards and practices, including the ACI Nozzleman Certification.

From the specification to the nozzle, the UTT group has the solutions for your shotcrete projects. For more information, visit www.utt.mapei.com.



MAPEI USA





Accelerators for Sprayed Shotcrete

Alkali-Free Liquid Set Accelerators:

[Mapequick AF 701 S](#) – Solution-based alkali-free accelerator for shotcrete

[Mapequick AF 350](#) – Alkali-free accelerator for shotcrete

[Mapequick AF 70](#) – Alkali-free accelerator for shotcrete

[Mapequick AFK 888](#) – Alkali-free accelerator for shotcrete

Alkali-Free Powdered Accelerator:

[Mapequick AF 300 Dry](#) – Powdered alkali-free setting accelerator for shotcrete

Bagged Shotcrete Mixes

[Mapegrout Gunitite 300 AF](#) – Pre-packed, one-component, fiber-reinforced, cementitious mortar with accelerated setting for dry-mix shotcrete

[Mapegrout Gunitite Shotgun](#) – Pre-packed, one-component, fiber-reinforced, cementitious mortar with accelerated setting for dry-mix shotcrete

[Planitop Shotcrete](#) – Silica-fume-enhanced shotcrete mix

Sprayable Membrane

[Mapelastic TU](#) – One-component ready-to-use polymeric sprayable membrane for tunnels and underground structure waterproofing

Products for Shotcrete Preparation

Reinforcing Fibers:

[Mapefibre IT 39 NV](#) – Structural polypropylene fibers for making high-ductility concrete and shotcrete

Microsilica:

[Mapeplast NS 20](#) – Liquid suspension of amorphous silica fume used in high-quality concrete and mortar.

Hydration Control:

[Polychem Renu](#) – Hydration stabilizing admixture for concrete

Superplasticizer:

[Dynamon SX](#) – Superplasticizer based on acrylic polymer for concrete

High-Range Water Reducer:

[Dynamon NRG 1092](#) – High-range, water-reducing admixture for concrete

Viscosity-Modifying Admixtures:

[Polychem VMA](#) – Liquid viscosity-modifying admixture

[DG-F](#) – Powdered viscosity-modifying and anti-washout admixture