

WearTech Repair QS

WearTech Repair QS is a highly abrasion resistant, trowelable compound specially developed for superior bonding to worn ceramic linings such as Basalt, Alumina, and Silicon Carbides.

- Specifically designed for the repair of ceramic lined pipes and chutes handling highly abrasive materials.
- Ideally suited for the on-site repair of worn areas in pipes, launders, chutes, hoppers, etc.
- A fine grain / resin compound making it an ideal solution as a trowelable item to combat erosion and corrosion.
- Can be applied in variable thicknesses down to 5 mm and can be applied to horizontal, vertical, or overhead surfaces.

TECHNICAL SPECIFICATIONS

Pot Life: 15 minutes.

Kit Size: 7 kg consisting of Part A (Epoxy) and Part B (Hardener).

Coverage Per 7 kg Kit: 0.5 m² at 6 mm thickness (typical - for larger areas please consult)

Do not use at temperatures below 10°C

WEARTECH REPAIR MIXING AND APPLICATION

Refer to product label for full application information.

1. Prepare the application surface by removing all deposited materials, oils, grease and rust. For best results prepare the surface by sandblasting, grinding or wire brushing followed by use of a degreaser.
2. Mix Part B (250ml) with all of Part A (7kg), which is 100:6 (Volume Basis). Apply the same ratio for lesser amounts as required.
3. Mix thoroughly until a uniform green colour is obtained.
4. Trowel to desired thickness (Max. 5 mm build at a time). A smooth surface can be obtained using a wet trowel or screed.
5. Clean equipment in solvent, warm soapy water or methylated spirits before the WearTech Repair QS has cured.
6. WearTech Repair QS cures in approximately 1 hour with full cure achieved in 4 hours, both at 25°C.

WearTech Repair QS is suitable for:

- Sliding abrasion
- Medium impact
- Application to wet surfaces



SURFACE PREPARATION

Metals

Metal surfaces should be grit blasted to Class SA 2.5 SSPC-SP10 (near white finish) where possible. Extreme care must be taken to not damage the metal during this process. If this can't be done, mechanically abrade the surface to a clean bright metal surface.

Final surface should be free from grease and oil, apply degreaser if required.



Concrete

Concrete surfaces should be free from grease and oil. It may be necessary to use a degreaser. Once the surface is clean remove any surface laitance by mechanical abrasion (grit blasting or grinding).

For best results the concrete should be completely dry and free of any loose dust and dirt particles.



Painted Surfaces

Metal that is painted should have all paint removed prior to applying WearTech Repair QS. This must be grit blast to Class SA 2.5 SSPC-SP10 (near white finish). Refer to Metal Surface Preparation for further information.



Concrete that is painted should have all paint removed prior to applying WearTech Repair QS. Paint can be removed with either flame or mechanical treatment (grinding or similar). Refer to Concrete Surface Preparation for further information.

