

One Source

FLSmidth WEAR MAX[®]



When situation demands for a quick hard wearing solution, you can depend on FLSmidth WEAR MAX[®] epoxy ceramic coating



Increase uptime and productivity

Protecting your equipment

Fabricated from a proprietary mixture of epoxy and wear resistant ceramic beads, WEAR MAX® combines the hard-wearing properties of ceramic with bonding properties of epoxy cost-effectively. WEAR MAX is proven to reduce abrasion wear problems commonly occurring in bulk handling and processing equipment.

WEAR MAX is applicable to any surface where sliding abrasion causes wear on pipes, chutes, silos, tanks, casings and many other equipment. It adheres effectively to most clean and dry surfaces including metal, ceramic, rubber and concrete. Its fast cure rate results in a quick turnaround time, increased uptime for repairs and overall cost savings.

WEAR MAX is supplied in conveniently sized kits, complete with all necessary mixing equipment. It may be your site's handiest tool kit.

Application and cure time

WEAR MAX has a working time of approximately 15 minutes from being thoroughly mixed. It will be 'hard-cured' in 4 hours and reaches maximum hardness in 24 hours, based on an ambient temperature of 23°C (73°F). The kit is also designed for partial use, reducing wastage.

Packaging

FLSmidth WEAR MAX is supplied in a twin kit pack containing two 7kg (15lb) buckets of the WEAR MAX Part A bead/resin mixture and two graduated plastic bottles, each containing 250ml (8.5oz) of the Part B liquid hardener complete with two pairs of Nitrile gloves, a mixing board and spatula ready for on-site mixing and application.



Applying WEAR MAX® to centrifuge housing



WEAR MAX® packaging



Required safety equipment

| Property | |
|--------------------------------|------------------------------------|
| Working time | 15 minutes |
| Hard cure time | 4 hours |
| Maximum hardness time | 24 hours at 23°C (73°F) |
| Maximum operation temperature | 70°C (158°F) |
| Density | 2.1 kg/l (17.5 lb/gal.) |
| Compression strength | 70 MPa |
| Tensile strength | 10 MPa |
| Flexural strength | 15 MPa |
| Coverage 7kg @ 12 mm thickness | 0.275 m ² (2.9 sq. ft.) |
| Minimum shelf life (unopened) | 2 years |

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