

DESCRIPTION

TigerSeal 30 is cement-bound, elastic sealing slurry for water-proof and consists of cement base powder (TigerSeal 30 A), polymer dispersion (TigerSeal 30 B) and top coating for protection (TigerSeal 30 C). TigerSeal 30 is a crack-bridging and is mixed to form a ready-for-use waterproofing slurry that can be applied by brush or roller.

PROPERTIES

- ❖ Waterproof
- ❖ Good adhesion to substrate
- ❖ Good resistance to salt and alkaline
- ❖ Retards carbonization of concrete
- ❖ Crack – bridging
- ❖ Flexible
- ❖ Weather and frost resistance
- ❖ Non-toxic

USES

- ❖ Roofs
- ❖ Balconies
- ❖ Repair and coating of concrete membranes
- ❖ Waterproof of building and civil structures
- ❖ Underground parking lots, swimming pools, filtration plants, sewage disposal plants
- ❖ For bridging hairline cracks up to a width of 0.2mm

SURFACE PREPARATIONS

- ❖ Substrates must be stable, sound, bearing, clean and mineral surfaces free of substances which can cause separation and containing no gypsum.
- ❖ The surfaces must be rough, open-pored and have good key. The surfaces to be sealed must be free of cracks.
- ❖ All cracks more than 0.3mm across must be widened and sealed with cement mortar and with injection resin.

APPLICATION

- ❖ Put TigerSeal 30 B to a container and add TigerSeal 30 A and mix with electric drill equipped with a stirring attachment at 400 to 800rpm until completely free of lumps.
- ❖ In case of protection of TigerSeal 30 applied on roofs, coating of TigerSeal 30 C is needed.
- ❖ Follow each application system.

CURING

- ❖ Protect the sealing layer against too rapid drying out.
- ❖ If necessary, protect the fresh sealing slurry from physical damages.
- ❖ After only 3 days the slurry can be walked on and must be protected against mechanical loads.

REPAIR

If a bad bond to substrate occurs, cut the area with knife and repair with TigerSeal 30.

PROTECTION

After TigerSeal 30 is dry completely, coat TigerSeal 30 C.

For heavy traffic load, protect layer of TigerSeal 30 with mortar as a protecting layer.

PLEASE NOTE

Only use TigerSeal 30 in dry condition at temperatures from 5°C to 30°C.

Do not mix with other materials, additives or binders.

After application of TigerSeal 30 , protect it against any damages.

TigerSeal 30 contains cement and produces an alkaline reaction with water. Therefore protect skin and eyes. If contact occurs rinse thoroughly with water. In case of eye contact obtain medical advice.

STORAGE

❖ Shelf life at least 12 months in a dry place.

❖ TigerSeal 30 A : in a dry place.

❖ TigerSeal 30 B and TigerSeal 30 C : in a dry place but not to freezing.

TYPE OF PACK

❖ TigerSeal 30 A : 19.2kg/bag

❖ TigerSeal 30 B : 12.8kg/bucket

❖ TigerSeal 30 C : 12kg/bucket

TECHNICAL DATA

Base	Polymer dispersion and cement combination with mineral fillers and additives.
Density	Powder (TigerSeal 30 A) : approx. 1.5kg/ℓ Liquid (TigerSeal 30 B) : approx. 1.05kg/ℓ
Application time	approx. 1 hours
Crack bridging	up to 0.2mm wide cracks
Walk on time	24 hours

