

DESCRIPTION

TigerSeal 2000 is acrylic emulsion for improving the properties for waterproof mortars, repair mortars, plasters and adhesive slurries. TigerSeal 2000 can be also used as bonding agent for most common building materials. By addition of TigerSeal 2000, the production of floating and dust free floor screeds is possible. Further functions of TigerSeal 2000 are those of a plaster additive and an improvement of floor screeds. In that case, the water-tightness, the resistance to chemicals and the elasticity of plasters and screed mortars will be increased, smooth screeds will become resistant to abrasion and hardness of dusting screeds will be increased. Due to its liquefying properties, TigerSeal 2000 will considerably decrease the water/cement ratio.

PROPERTIES

- ❖ easy to use
- ❖ water-proof
- ❖ good resistance to alkali
- ❖ good resistance to chemicals
- ❖ flexible
- ❖ active adhesion
- ❖ good resistance to abrasion
- ❖ improvement of strengths

SCOPE OF USE

- ❖ For primer or throw-on for improved bonding rendering and adhesives mortars on smooth substrates.
- ❖ For producing and modifying adhesive slurries, adhesive bridges, pneumatic mortars.
- ❖ For cement-bound repair mortars with reliable adhesion and high crack-resistance.
- ❖ For easy application and compaction of mortar.
- ❖ To increase flexibility, elasticity and bonding to the surface.
- ❖ To reduce early drying out.
- ❖ For modifying hydraulic binders.
- ❖ For adhesive plasters, thin-layer plasters, leveling plasters.
- ❖ For production of floating floor screeds.
- ❖ For hardening of dusting screeds
- ❖ For additive for repair mortar, waterproofing slurry and anticorrosive grout.

SURFACE PREPARATION

For any application, the substrate must be thoroughly prepared. The substrate must be free from dust and loose parts which can cause separation and all sound, bearing and clean mineral surfaces. Remove completely surface layers with inadequate bearing strength or contamination.

APPLICATION

- ❖ Put TigerSeal 2000 in clean, clear water. Use this liquid for mixing the mortar.
- ❖ Apply necessary adhesive bridge, adhesive slurry or pneumatic mortar prepared with suitable mix proportions.
- ❖ Apply mortar into the still wet adhesive bridge and rub over.
- ❖ Wet after treatment may be necessary.

PLEASE NOTE

Only use TigerSeal 2000 in dry conditions and at temperatures from +5 °C to + 35°C. All the data given were obtained at a temperature of +20°C and 60% relative air humidity. Problems may arise if TigerSeal 2000 is used in combination with other admixtures. Carry out preliminary testing or obtain advice. Use cement or lime/cement as binder.

OTHER INFORMATION

Apart from the information in this leaflet, it is important to observe the relevant regulations of various organizations, trade associations.

The warranted characteristics are based on practical experience and applied testing. However, we have no influence over site conditions and therefore, if in doubt, the user should first carry out sufficient tests to ensure the product is suitable.

In special cases obtain advice.

STORAGE

Shelf life at least 12 months in containers well sealed and protected against frost.

TYPE OF PACK

18kg pails

TECHNICAL DATA

Base	Special type acrylic dispersion in water.
Density	approx. 1kg/ℓ
pH	8~10
Application temperature	+5°C to +35°C
Stability on thaw / freezing	good