

ADCO CEMSCREED 185L & 185LB (BULK)

Cementitious-based flooring system

ADCO
Construction-
and Mining
Chemicals

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DESCRIPTION

ADCO Cemscreed 185L and 185LB is a pre-mixed cementitious-based polymer modified structural flooring system supplied in dry powder form. It contains hydraulic cements, pozzolanic extenders, siliceous aggregate as well as selected chemical constituents and fibres to affect superior performance characteristics.

TYPICAL USES

ADCO Cemscreed 185L is specified for applications including :

- thin section overlayment floor surface repairs 4 – 6 mm.
- thin section underlayment floor levelling 4 – 6 mm.

ADCO Cemscreed 185LB is specified for thickness ~8 – 15 mm The product can be used in combination with speciality liquids such as ADCO Polycem 288 or AdcoBond 231 – please consult our technical department.

ADCO Cemscreed 185LB, when mixed to a mortar consistency, can be used for trowel-on concrete floor repairs.

The Substrate :

ADCO Cemscreed 185L and 185LB is bonded to sound- and prepared concrete substrates using bonding media such as ADCO Bonding Slurry 271T (onto previously prepared and saturated surfaces), ADCOpoxy 612, wet-to-dry epoxy adhesive (onto dry surfaces) or Adco Prebond 239C on onto previously prepared and saturated surfaces.

Mixing and Application :

Mix for mechanical controlled-speed drill for small scale assignments or concrete mixers for large volume projects, the entire contents of the bag(s) by adding the gauged amount of water to the dry powder. Place, consolidate and finish the product onto bonding medium to required level; protect and cure. ADCO Cemscreed 185 L and 185LB is designed as a self-smoothing material; once the material is placed and spread b steel trowel, only a spiked roller is necessary to de-aerate and complete the installation. For highly bulked installation, slight steel-troweling may be necessary.

Mixed product will offer an open time of about 20 – 25 minutes at 25°C ambient temperature. It is important to install the mixed batch within this time frame. Delayed addition of mixing water and / or re-agitation is not advised.

Properties :

Typical compressive strength values obtained under standard concrete laboratory conditions for ADCO Cemscreed and 185L and 185LB mixed to specified fresh state workability :

Age	Strength
24 hours	10 – 14 MPa
3 days	23 – 26 MPa
28 days	44 – 46 MPa

Cleaning :

After use, tools and accessories shall be cleaned using water without delay.

TECHNICAL SUPPORT

Detailed method statements for installation-specific requirements are available on request.

SAFETY

ADCO Cemscreed 185L and 185LB is not considered toxic or dangerous, however standard industrial precautions apply such as protective clothing, gloves and eye goggles. Cementitious-based products are alkaline and hence may cause irritation to the skin and eyes.

Remember : Keep away from children, handle responsibly and consider the environment.

PACKAGING AND STORAGE

ADCO Cemscreed 185L and 185LB is supplied in ready-to-use form into woven polypropylene bags of contents 20 kg, 40 kg or 1000 kg.

Shelf life – We advise to use cementitious-based products within 6 months from manufacturing date.

Storage – Store in a dry, cool place away from concrete or masonry surfaces.

UPDATE

May 2017.

This supercedes all previous documentation.