

ADCO CEMART 152

Cementitious-based, premixed speciality coloured decorative overlay flooring system

ADCO
Construction-
and Mining
Chemicals

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established 1994

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DESCRIPTION

ADCO CemArt 152 defines a selection of premixed dry cementitious-based, shrinkage compensated, micro fibre reinforced screeds incorporating speciality chemistry for superior rheology and strength development to yield durable coloured floor coverings.

The product is supplied in kit form (powder plus liquid component) and is installed using a premixed bonding slurry onto structurally sound prepared concrete surface beds. The ADCO CemArt 152 installation is completed by sealing using a twin-pack polyurethane sealer, ADCOseal 259.

The following products are available under the ADCO CemArt 152 group :

- ADCO CemArt 152-46 - coloured decorative screed to ~5mm thickness
- ADCO CemArt 152-68 - coloured decorative screed to ~7mm thickness
- ADCO CemArt 152-810 - coloured decorative screed to ~9mm thickness

The product is available from the  range of decorative wall and floor coverings and pool plasters.

ADCO CemArt 152 is available in our standard colours, however colour matching to your project requirement is available :

<h3>EARTH</h3> <p><i>the nurture of mother nature ...</i></p>  	<h3>FIRE</h3> <p><i>add warmth to your home ...</i></p>   <p>PROUDLY NAMIBIAN</p>
<h3>WATER</h3> <p><i>rejuvenate with the ocean breeze ...</i></p>  	<h3>NATURE</h3> <p><i>touches your soul ...</i></p>  

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APPLICATIONS

ADCO CemArt 152 products find a wide range of applications as high quality coloured decorative floor covering. Its durable surface characteristics render this flooring suitable for domestic as well as commercial installations for example to Lodges where the natural ambience these products reflect, are desirable.

INSTALLATION

The Substrate :

The substrate to receive ADCO CemArt 152 needs to be structurally sound and rendering a mechanical key for bonding. New floors are therefore finished to a wood-float / semi steel float finish and cured well. No driers or water addition are tolerated during placing and finishing. The quality requirements for the substrate include both compressive strength as minimum 25 – 30 MPa (and older than 14 days when placing the ADCO CemArt) as well as a superior quality surface finish as the product exhibits a high bond strength and thus requires suitable quality surface characteristics of the substrate.

Any installation of ADCO CemArt 152 is recommended to be preceded by mechanical scabbling / scarifying, whereafter all loose material and dust is removed and the exposed substrate then saturated using clean water.

Bonding :

ADCO CemArt 152 systems are bonded to suitable sound substrates using ADCO Bonding 271T, a premixed bonding slurry in powder / liquid kit form. It is imperative to maintain a wet edge at all times on the applied bonding medium so as to ensure formation of structural bond.

Important to note – The ADCO CemArt 152 products are structurally bound to the substrate, stress relieve or uncontrolled crack propagation from the underlying substrate, will be transferred through the screed as well.

Surface Finish :

ADCO CemArt 152 materials are finished by steel float or powerfloat to form a high quality closed pore-structure surface.

Where a non-slip texture is required, the formed and completed steel float finish is THEN textured to a "bromed-finish".

ADCO CemArt 152 screeds are prepared by manual sanding or mechanical sanding / scouring pad before sealing.

Mixing :

The product is supplied in pre-gauged kit form and shall only be mixed in these proportions and as full kits only. Mixing only by slow-speed mechanical drill to ensure efficient mixing, furthermore prevention of air entrainment from erroneously using high speed drills.

Joints in the substrate :

As per design specifications, joints are cut into new floor substrates to receive ADCO CemArt 152. These joints have to be marked accurately and aligned through the ADCO CemArt 152 overlay.

ADCO CemArt 152 exhibits accelerated strength development and hence particular attention to protection of fresh screed and a suitable and immediate water curing regime to be maintained in order to derive the designed product qualities in its hardened state. Water curing to be carried out continuously for 7 – 10 days from installation.

Please consult the ADCO construction chemicals technical department for further advice and method statements for your particular ADCO CemArt 152 flooring installation.

SAFETY

ADCO CemArt 152 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 out of reach of children, handle responsibly and consider the environment.

PACKAGING

ADCO CemArt 152 is supplied as kit (powder plus liquid). For large projects, the powder is delivered in 1 ton bulk bags and the liquid in 200 L or 1000 L flowbins – we supply measuring devices for accurate dosing.

UPDATE

May 2017.

This supercedes all previous documentation.