



HYDRO SCREED RAPIDEX (II)

WATERPROOF SCREED



ECO FRIENDLY



LOW CARBON
FOOTPRINT



EASE OF USE

DESCRIPTION

Davco Hydro Screed Rapidex (II) is specially formulated with a high performance cement to achieve a faster set and the work area is trafficable in less than an hour. It reduces the job downtime and shortens job lead time by allowing tiling or other subsequent finishing works to commence sooner.

Davco Hydro Screed Rapidex (II) is ideal for levelling rough and uneven concrete floors. It provides an effective integral waterproofing by forming a hydrophobic layer within the screed, preventing water from penetrating into the concrete floor.

Davco Hydro Screed Rapidex (II) yields a homogeneous mortar paste that gives good workability by simply adding water and mixing with a mechanical mixer.

Davco Hydro Screed Rapidex (II) is incorporated with our advanced Technology to improve air quality, minimise mess and clean up time on site.

USES

Davco Hydro Screed Rapidex (II) is ideal for waterproofing toilets, kitchens, bathrooms, balconies, plaza decks, parking garages, basement, in renovation projects where time is of essence.

TECHNICAL DATA

Appearance	: Grey powder
Water / powder Ratio	: Around 0.12 - 0.14 (3.0 - 3.5 litres per 25 kg bag)
Consistency	: Homogeneous paste
Filler	: Graded sand
Shrinkage	: Coutinho ring test method - no visible cracks
Wet Density	: 1700 - 1800 kg/m ³
Coverage	: 1.3 - 1.5m ² / 10mm / 25 kg bag
Compressive Strength	: >25 N/mm ² (28 days) (ASTM C109:2002)
Water Absorption	: < 5% (ASTM C413 : 2001)
Water Penetration	: < 5mm (DIN 1048)
Pot Life at 25°C	: Approximately 15 mins
Recommended Thickness	: 10mm - 40mm per layer
Maximum Aggregate Size	: 5mm

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

ADVANTAGES

- Fast setting and trafficable in less than an hour.
- Manufactured in factory under stringent quality checks to ensure consistent quality.
- Waterproof floor provides a continuous and permanent barrier to water.
- Reduces job lead time and improves workers' productivity.
- Dust Less Technology minimises mess and improves air quality.



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SURFACE PREPARATION

Receiving floor surfaces should be thoroughly cleaned of all dirt, dust and impurities, which may affect adhesion. Conventional curing compounds should be removed prior to application of Davco Hydro Screed Rapidex (II). Prior to the application, the substrate should be thoroughly wet with water.

MIXING

Davco Hydro Screed Rapidex (II) should be mixed with correct recommended amount of water in a mechanical mixer.

Add approx. 3.0 to 3.5 litres of water per 25 kg bag.

First load with 80% amount of water required (about 2.5 litres).

Davco Hydro Screed Rapidex (II) can then be slowly added and mixed for 3 minutes.

The remaining water should be added slowly till homogeneous paste is obtained.

APPLICATION

Ensure that the substrate is damp and clean without any ponding water. Compact and finish Davco Hydro Screed Rapidex (II) in accordance with standard practice by using a wooden float or steel trowel where appropriate.

Curing

Immediately after finishing, exposed area should be thoroughly cured with water, or curing compound.

PACKAGING

Davco Hydro Screed Rapidex (II) is available in 25 kg bag.

SHELF LIFE

Shelf life of up to 6 months from the date of manufacture. When store in a dry place, free from moisture contact.

HEALTH & SAFETY

Davco Hydro Screed Rapidex (II) is non-hazardous. In case of eye contact, wash with plenty of water. If irritation persists, seek immediate medical attention. Refer to safety data sheet.

Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website www.sika.com.sg

Sika (Singapore) Pte Ltd.

28 Tuas South Avenue 8 Singapore 637648

Tel: (65) 6861 0632 • Fax: (65) 6862 1172

Email: sales@sg.sika.com

Website: www.sika.com.sg

Online Store: davco-online.com.sg



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