


HD12 FAST SET SCREED

- PRODUCT CODE:** 3255 - 2.5 litre pack: 3256 - 10 litre pack
- DESCRIPTION:** Epoxy resin 3-part mix. Heavy duty floor screed used to repair damaged concrete.
- PACKAGING:** 2.5 litres (5.2kg) coverage at 5mm thickness 0.5m².
10 litres (20.8kg) coverage at 5mm thickness 2.0m².
Materials supplied in non-returnable plastic containers for ease of mixing.
- PREPARATION:** Concrete surfaces should be clean and free from laitance. Steel surfaces should be clean and free from loose rust, grease and millscale. All surfaces should be coated with Rotafix **P12 PRIMER** prior to application of **HD12 FAST SET SCREED**.
- MIXING:** The contents of the Rotafix hardener (curing agent) must be added to the contents of the resin container and mixed thoroughly. The total liquid is then added to the filler and mixed thoroughly. The 10 litre pack requires to be mechanically mixed using a slow speed drill and Rotafix paddle.
- APPLICATION:** Rotafix **P12 PRIMER** should be applied to all surfaces prior to the use of **HD12 FAST SET SCREED** (for further information see **P12 PRIMER** Data Sheet Ref.PD3320-30). The fully mixed material should be placed immediately onto the wet/tacky primer. If the primer dries prior to application of the the area must be re-primed. Rake the **HD12 FAST SET SCREED** to a uniform thickness and finish by tamping with a wood or steel float. The contents of the pack should then be mixed, placed and trowel finished in not more than 25 minutes at +15°C.
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- COVERAGE:** 1 litre covers 1m² at 1mm thickness.
- CURE SCHEDULE:** When mixed Rotafix **HD12 FAST SET SCREED** will cure at rates dependent on mass and ambient temperatures. Initial gel (touch dry) will be approximately 1 hour at +15°C at 5mm thick. Initial cure - 24 hours. Full chemical and physical characteristics will be obtained in 7 days at +18°C. Suitable for foot traffic after 10-15 hours at +20°C. Light vehicular traffic 24-36 hours at +20°C. Final cure 5-7 days. Minimum application temperature +5°C. Shelf life of unmixed component minimum 12 months providing extremes of temperature are avoided.
- CURED PROPERTIES:** Compressive Strength: 40+N/mm² Tensile Strength: 15N/mm²
Flexural Strength: 14.5N/mm² Specific Gravity: 1.9 20°C
Chemical resistance - unaffected by a wide range of industrial and domestic chemicals. Does not support the growth of biological organisms. Colour stable.
- SPECIFIC USES:** For specific applications please consult our Technical Department.
- CLEANING OF TOOLS:** Uncured **HD12 FAST SET SCREED** may be readily removed from tools and equipment with Rotafix **S200 PC** Solvent Cleaner. Mechanical methods are required to remove cured material.

**The requirements for a Rotafix product(s) may be specific for an individual project.
Advice given by Rotafix can only be considered as part of the contract if it is provided in writing.**

Epoxy resins and their associated curing agents can cause irritation to some people.
Please take the necessary precautions indicated in the COSHH details available from our offices.
Please read our Users Safety Guide on the Handling of Resin and Polymer products.

The information in this document is based on practical tests, but given without guarantee inasmuch as methods of use by others is beyond our control. Due to continuing development and improvements, it may be necessary to change without notice the material specification. All goods are sold subject to our Standard Conditions of Sale.



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