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Replaces May 2012

SCREED 20+ (Screed 20 Plus)

PRODUCT DESCRIPTION Screed 20+ is part of Nuplex's screed range which gives a ready-to-use compound simply by mixing with water. It exhibits excellent trowelling with good hardening and drying properties. Single component, normal curing, cement based screed.

APPLICATION AREAS For bulk filling, creating slopes and falls and filling holes on floors of concrete. It may also be used particle board and fibre board floor for a thickness of 5-100mm. May also be used as a filler on concrete walls. It may be used as finished surface but as it is a filling material with coarse aggregates. It may require final smoothing with Unifloor or Ultrafinish.

- **Screed 20+ for fills of 10- 100mm approx**
- Multi purpose levelling and finishing compound
- Tile screed slope forming material.
- Sloping material over or under membranes.
- Suitable for bulk fills, slopes ramps
- With reduced water demand.
- Interior/exterior
- Forms STZ Prefill cement screed for use under Nuthane SB Polyurethane topping and /or Supascreed epoxy floor topping. (use Screed 20+). It is used if falls are not present, or have been incorrectly formed in the concrete. Pto.....

SURFACE PREPARATION The surface should be cleaned of waste, dust, dirt, oil, fat, wax etc. Any laitance should be removed. When used under resin floor toppings, grind the concrete surface to ensure maximum adhesive of the Screed 20+.

Prime absorbent surfaces, concrete, fibre board and particle board and porous concrete with Duraseal primer. This will improve adhesion, working time and handling.

Neoprime should be used on smooth, impervious. Surfaces.

For **critical applications**, a **tie-coat** with epoxy (Supascreed or K80) is highly recommended. Grit that primer.

MIXING Screed 20+ is quite tolerant of water level additions and the following is a guide; however the water added has a very strong affect on the trowelability of Screed 20+. Use an accurate measuring pail .

- **Screed 20+** plus 1.8 litres water gives a thick mortar which can be used to form ramps, coves, etc.
1.8 lts gives a thicker mix, 2.0lts is a wetter mix.
1.8lts would be the nominal water level.
The product is very sensitive to the amount of added water. Extra water will reduce strength and increase the chance of shrinkage cracking.

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MIXING

(cont'd) Power mix for best results. Stir vigorously to a lump-free compound. The compound should be used within 20-30 minutes at 18°C. Higher temperatures reduce and lower temperatures increase the time.

Screed 20+ mixes readily with water and is generally lump free.

Do not apply if too much water has been accidentally added; excess water displays as a whitish dried surface.

For better durability, adhesion, wear and greater elasticity, mix 50/50 FLC emulsion and water prior to adding to the Screed 20+ .

APPLICATION:

Smoothing:

Apply using a steel trowel or float to achieve the required finish.

Ensure Screed 20+ is protected from full sun and wind to ensure good hydration and curing.

It may be used as finished surface but as it is a filling material with coarse aggregates. It may require final smoothing with Unifloor or Ultrafinish.

Do NOT apply the latter if a resin topping is to be applied.

If a resin topping is to be applied and a draining requirement exists, then a fall of 1 in 50 is needed.

Contact Nuplex Industries for advice if uncertain about use.

COVERAGE AND AMOUNT APPLIED

CURING TIMES **Screed 20+** - Coverage on a 20kg bag: When mixed, it produces 11lts of wet volume. 90 x 20kg bags per cubic metre.

eg. Coverage: 0.32m² @ 30mm thick.

eg. 300 x 20 kg bags will cover 100m² @ 30mm thick

eg. 200 x 20 kg bags will cover 100m² @ 20mm thick

eg. 100 x 20 kg bags will cover 100m² @ 10mm thick

eg. 50 x 20 kg bags will cover 100m² @ 5mm thick

Screed 20+ is hard dry overnight.

Essential dry in 48hrs in good conditions @ 20mm. Use a moisture meter to check dry in critical applications.

PACKING, DISTRIBUTION AND STORAGE Screed 20+ is packed in 20kg paper bags / plastic lined.

If Screed 20+ is stored in dry internal conditions then it will keep 12 months in an unopened pack.

