

MANUAL SECTION	ISSUE DATE	AUTHORISED	REPLACES	PAGE
Floor Preparation	Dec 2010	PM	July 2005	1 of 2

## 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.

- Multi purpose levelling and finishing compound
- Tile screed slope forming material.
- Sloping material over or under membranes.
- Suitable for bulk fills, slopes ramps
- 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.....
- **Screed 20+ for fills of 10- 100mm approx**

### 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+.

Although priming is not normally necessary, strongly absorbent surfaces, fibre board and particle board and porous concrete may be primed with Duraseal primer diluted 1:2 (Duraseal : water, see Duraseal product sheet). This will improve 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.

### 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+** 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.

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**SCREED 20+** (cont'd)

**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.

If better durability, adhesion and wear or greater elasticity are required, 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**

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

eg. Coverage: 0.32m<sup>2</sup> @ 30mm thick.

eg. 300 x 20 kg bags will cover 100m<sup>2</sup> @ 30mm thick

eg. 200 x 20 kg bags will cover 100m<sup>2</sup> @ 20mm thick

eg. 100 x 20 kg bags will cover 100m<sup>2</sup> @ 10mm thick

eg. 50 x 20 kg bags will cover 100m<sup>2</sup> @ 5mm thick

**CURING TIMES**

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.

