



## FloorFlat F700r

### Non Shrink Self-Levelling Screeding System for floors renovation

### 自動流平石屎地台系統(地台翻新用)

#### Description

**FloorFlat F700r** is a ready-mix self smoothing and self leveling screed for floors renovation. It's hydraulic feature enable the applicators to level those uneven surface easily so as to achieve a high quality horizontal flooring. It is most suitable to replace traditional cement/sand screed so as to work as a finishing screed or to receive tiles, carpets, waterproofings(for roofing) etc.

#### Technical data

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Substrate Content                       | Cement with filler & Special additives    |
| Shelf Life (stored under dry condition) | 6 months                                  |
| Storage condition                       | Protect from Freezing and from damp       |
| Application Temperature                 | 5° C to 35° C                             |
| Tooling time                            | 25 minutes at 20° C                       |
| Curing time for allowing light traffic  | 4 hours                                   |
| Completely Curing time                  | 2 - 4 days                                |
| Relative density for cured compound     | 2.0                                       |
| Adherence to concrete, stone            | 3mm - up to 2.76 Mpa ,8mm -up to 3.25 Mpa |
| Compressive Strength after 28 days      | Up to 28.2 Mpa                            |
| Tensile strength after 28 days          | Up to 9.9 Mpa                             |
| Thickness                               | Up to 20mm                                |
| Colour                                  | Cement Grey                               |
| Mixing Ratio(Water /FloorFlat F700)     | 5.5 ltr - 6 ltr : 25 Kg/Bag               |

#### Typical Applications

Flooring : All concrete/concrete screeds/Heavy Precast Slabs.

Repairing : Filling up voids on floor, releveling old floor etc.

Reroofing : Levelling exposed roof slab to receive new waterproofing. Due to it's quite set and waterproofing characteristic, it can also work as a temporary waterproofing prior to laying of new waterproofing.

#### Application Details

#### Preparation:

All surfaces should be sound, clean, dry, free of dust, oil, grease or other contamination. Loose matter should be removed by abrasion, compressed air or high pressure water.

#### Joints:

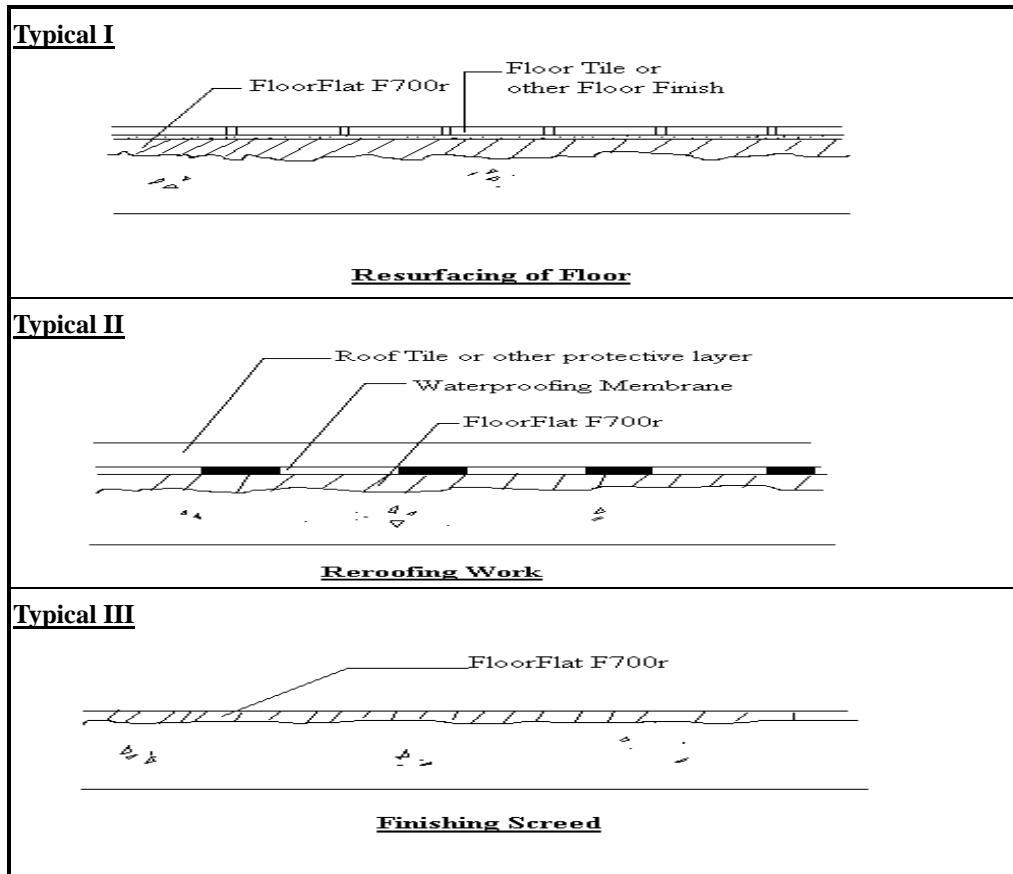
Existing expansion joints must be marked with PVC or Wood strips.

Construction joints should be marked approx. every 50 M<sup>2</sup>

#### Primer:

To ensure a sound homogeneity of the substrate absorbency and a good adherence of the self leveling screed apply LAPrime A790 as a primer on the whole surface. LAPrime A790 must be diluted with water before use.



**Typical Diagrams****Application:**

**FloorFlat F700r** is a hyper-fluid mortar for machine or manual application. If you use a machine, adjust the flow-meter in accordance with the product flow-test that must be made manually. When the product is flowing on the floor, you can use a trowel to conduct a smooth and even leveling. You must take into account of tooling time, i.e. 20 -30 minutes; time gap of mixing 2 continues batch must not exceed 15 minutes. The job site should be protected from disturbance by wind or rain.

**Coverage**

Approx. 1.65Kg /mm / M2 i.e. 3mm thickness require 4.95 Kg / M2, 8mm thickness require 13.2 Kg / M2  
Applicators should take into account of the gradient and roughness of the original surface to prepare the actual thickness of mortar for leveling up the new surface.

**Cleaning**

Use Water to clean equipment before material being cured

**Painting**

Wait at least one week at 20° c before applying epoxy ,polyurethane or others cementitious compatible paint on new surface.

**Packaging**

25 Kg / Bag