

# PolyFlor Self-Leveling UL

Self-Leveling underlayment cement-based floor compound

## PRODUCT GROUP : CEMENTITIOUS FLOORING SYSTEM

**POLYFLOR**



## ADVANTAGES

- User Friendly
- Excellent bond strength
- Excellent workability and flatness
- Direct application onto Concrete floor
- Cost effective
- Pumpable

## DESCRIPTION

**PolyFlor Self-Leveling UL** is a high quality cement-based self leveling compound consisting of Portland cement and selected additives specially designed, as a smooth free-flowing and self-leveling material only with addition of water only. **PolyFlor Self-Leveling UL** is designed for direct application onto concrete substrate to provide surface topping with a thickness of 3 to 12mm as a underlay to receive finishing floor coverings such as carpets, vinyl tiles and coatings. It is suitable for application on housing and commercial floor surfaces.

## TECHNICAL SPECIFICATION

- Appearance : Grey
- Compressive strength : 25 N/mm<sup>2</sup>
- Flexural strength : 10 N/mm<sup>2</sup>
- Bond strength : 1.0 N/mm<sup>2</sup>
- Flow spread : 270mm
- Working time : 25 minutes
- Coverage : 1.7 kg/m<sup>2</sup>/mm
- Ready for foot traffic : 14 hours
- Recommended thickness : 3-12mm
- Binder : Cement
- Filler : Limestone / graded silica
- Additives : Water soluble polymers

## SURFACE PREPARATION

Remove all loose materials or traces of foreign materials and ensure surface cleaned, free of dust and dirt. The level of the existing surface should be surveyed to check for excessive deviations, which should be rectified before laying **PolyFlor Self-Leveling UL**. It is recommended to damp the substrate surface for at least 30 minutes to ensure adequate saturation prior to the application of **PolyFlor Self-Leveling UL**. A priming coat is highly recommended especially for substrate that is absorbent.

## MIXING

Mix thoroughly a bag of 25kg **PolyFlor Self-Leveling UL** with approximately 5.0 litres of clean water by using an electrical power mixer for 3 to 5 minutes until the homogenous paste is achieved. Re-mix the material before re-use if the material is left undisturbed for more than 30 minutes.

## APPLICATION

Apply freshly mixed **PolyFlor Self-Leveling UL** onto the substrate by using a trowel. **PolyFlor Self-Leveling UL** must be continuously applied to ensure uniform and level surface. Direct sunlight and drying winds should be avoided during laying of **PolyFlor Self-Leveling UL** and the first 5 hours of curing.

## PACKING AND STORAGE

- Packing : 25 kg / bag
- Shelf life : 6 months
- Storage : Keep in cool dry condition