



Koala U900 Self Leveling Compound Technical Data Sheet

DESCRIPTION

U900 is a premium polymer-based floor levelling compound that can be applied to level uneven construction substrates. This quick-setting solution with very low shrinkage and no cracking properties makes it ideal for use on interior floors for residential and commercial properties.

ADVANTAGE/FEATURES

- Fast automatic levelling
- Ultra rapid setting and drying
- High flow
- Low shrinkage
- Construction can be freely controlled thickness from 1-40mm
- 4 hours walk on time (+20°C)
- Very Low VOC

USES

Koala U900 is a premium underlayment for levelling and removing differences in thicknesses from 1-40mm on new construction or existing substrates such as carpet, ceramic tile, parquet, wood timber and vinyl on residential and commercial properties.

TECHNICAL DATA

Composition	Polymer modified cement
Packaging	20kg
Colour	Grey Power
Coverage	3sqm/ 12L at 5mm
Thickness per coat	1-40mm
Working time	20-30 mins (+20°C)
Light foot traffic	2hrs (+20°C)
Compressive Strength (Mpa):	
After 1 day	13
After 7 days	25
After 28 days	30
Flexural Strength (Mpa):	
After 1 day	4
After 7 days	6
After 28 days	7

SUBFLOOR PREPARATION

1. The substrate must be structurally sound, clean, dry and free of: surface contaminates, oil, grease and dust.
2. Test the substrate according to applicable standards and report any deficiencies.
3. Brush, abrade, grind or shot-blast any weak surface sections or areas which will not accept adhesion of the product.
4. Thoroughly vacuum to remove loose material and dust.

5. PRIMING

The substrates must be primed with Koala primer before applying Koala U900. Apply Koala S50 primer for porous substrates or Koala S100 for non-porous substrates. Please refer to primer Data Sheet for more details.

APPLICATION

1. Add 4.8 to 5 litres of cold water into a clean container. Slowly add entire contents into a mixing barrel for a minimum of 3 minutes until a lump free and uniform consistency is achieved.
2. Pour the mixture immediately on the primed surface after mixing. Spread by gauge rake to get the product into the hard-to-reach areas. Continue pouring the leveller until the required thickness (necessary to cover all of the surface area) is achieved.
3. Drying time is approximately 2 hours. To enhance both the surface quality and the absorbency of the surface floor, sandpaper 40-60 grit is recommended to use.

Please note, poor ventilation will retard the drying process.

SELF-LIFE AND STORAGE

For unopened bags that are stored in cool and dry conditions, the maximum shelf-life of the product is 12 months.

After the product is opened, use the remaining contents as quickly as possible, providing the product is sealed.

CLEANING

Koala U900 must be removed from tools and equipment with clean water immediately after use.

IMPORTANT NOTES

Koala U900 must not be used in areas subject to permanent wetting and external areas.

The product is best applied at 10-35°C. Substrates temperature is recommended to be above 10°C and relative humidity is recommended to be below 75%.

Low temperature and high humidity delay curing. Do not work when the temperature below 5°C.

It's recommended to cover the surface when temperature is above 35°C and humidity is low to avoid cracking and damage to the floor.

The product should be protected against frost and direct light during storage and transportation.

Dispose of the empty packaging according to council regulations.



Koala Flooring Accessories

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