

DATA SHEET / USCREED PRIMER KIT

GENERAL DESCRIPTION

Kwikrete U-screed Primer is applied to medium to heavy duty industrial use. The U-screed Primer gives a continuity with the high chemical, abrasion and impact resistance, with a good bond onto aggregate substrates. For use in environments that range from warehousing, shop floors to cold rooms and boiler rooms that require a U-screed Primer prior to application of the Kwikrete U-screed Flooring products.

TYPICAL APPLICATIONS

Kwikrete U-screed Primer are typically used prior the application of the 1mm-3mm U-screed Flooring Systems products. It can also be used with an aggregate to fill minor holes in aggregate flooring.

PACKAGING

5LT Container – Kwikrete U-screed Primer
2LT Container – Kwikrete Hardener

ADVANTAGES

1. Excellent bond to aggregate
2. Economical
3. High chemical resistance
4. High impact resistance
5. High density
6. Nonhazardous (Food Safe)
7. Low maintenance

Application Temperature	15C to 25C
Surface Finish	Smooth Matt
Application Thickness	300-400 Micron
Pot Life	15 Minutes
Use Temperature	-20c to 60c
Coverage	30-35m2 per Kit
Time to Foot Traffic	12 Hours
Time to Wheel Traffic	24 Hours
Time to Heavy Traffic	48 Hours
Full Chemical Resistance	7 Days

TECHNICAL DETAILS:

CHEMICAL RESISTANCE

The Chemical resistance includes citric, lactic and acetic acid (fruits, vinegar, food and dairy). Alcohols, fuels, hydraulic oils, mineral oils, aromatic and aliphatic solvents, common alkalis.

TOOLS REQUIRED

- Measuring Tape
- 1 x Clean 20lt Mixing Bucket
- A Steel Trowel
- Hamilton's 225mm Polypile Roller
- Hamilton's 75mm Paint Brush
- Knee Pads/ knee boards (plastic covered polystyrene boards)
- Mask
- **NB: CLEAN TOOLS ARE RECOMMEND**

PREPARATION

PLEASE NOTE: Correct preparation is essential. All surfaces must be sound, free of friable materials, free of laitance and prepared in the recommended manner. Application temperature should be between 15c and 25c. All surfaces must be dry before application and should not exceed moisture content of 12%, as measured with an approved moisture meter. Try avoiding applying over hot surfaces or previously heated areas.

1. FLOOR PREPARATION:

Ensure the surface is cleaned and flattened. Remove all surface defects by means of a grinder or sanding. Any imperfections will show through. Avoid roughing up the surface, avoid acidic etching. If the substrate is porous or there are expected to be pin hole issues or moisture concerns, an application of Kwikrete U-screed Primer is used. Anchor grooves are to be cut at twice the thickness of the floor finish to a maximum of 10mm. Anchor grooves are to be cut around the floor perimeter, parallel to expansion joints, around upright structures, around drains, parallel to door thresholds and at regular 3 meter spacing across the floor surface.

2. LIQUID REPARATION:

Shake the resin component well for 10minutes, to resuspend all ingredients in the liquid. In the 20lt clean mixing bucket premix the resin and the hardener until mixed together.

3. APPLICATION:

Once liquid has been mixed well together, pour the Kwikrete U-screed Primer and spread evenly using the Hamilton's 225mm Polypile Roller until the surface is completely wetted out. Fill the anchor grooves with the Hamilton's 75mm utility paint brush. Allow drying for 12hours and if dry patches appear, a second application of the Kwikrete U-screed Primer is required. Allow to cure for a further 12 hours. Ensure the anchor grooves are completely filled. Scatter with NO 1 Sand if a textured finish is required for a better mechanical bond with the Kwikrete U-screed Flooring Products. Allow to cure for 12hours. Avoid the curing floor from damp, condensation and direct water for at least 24 hours.

IMPORTANT INFORMATION ON HOW TO PREVENT PROBLEMS:

All Sales of the product/system must be recorded to include the name of the applicator, contract name and address and size of area, submitted to the factory.

