



# Hi-Build SE 1000 Step Edging

technical  
data

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## Description

Robex SE 1000 is a solvent free resin system for use as a Hi Build line marking product that can be applied at 200-2000 Microns.

Hi Build SE 1000 can be applied to almost any surface and is ideal as a 'step edge' marking system that can be applied with a bauxite aggregate to create a non slip surface.

## Preparation

All surfaces should be clean, free from laitance, oil, grease or any other agents that may impair adhesion.

All cementitious substrates must be protected by an adequate and effective DPM and have a maximum residual moisture content of 5%.

New concrete should be at least 28 days old or the moisture content less than 5%.

Dense and old concrete surfaces may require mechanical preparation to allow good adhesion.

## Mixing Ratio

Mixing ratio: Three parts base : One part Reactor by weight (or one unit base : one unit reactor as supplied).

## Flash Point

100°C.

## Pot Life

60 minutes at 20°C.

**NB Prior to use, Hi-Build SE 1000 should be stored below 20°C. Failure to do so will shorten the pot life considerably.**

## Curing Time

Touch dry after 16 hrs @ 18°C after 24 hours pedestrian traffic is acceptable.

For vehicle, fork lift trucks etc. Hi Build SE 1000 should be left for 2/3 days to achieve maximum strength.

The initial cure will take place after approximately 24 hours.

## Application

Mix the base and reactor for 5 minutes, the use of a paddle head mixer on a slow speed drill is desirable.

**Following mixing you can now add the fine bauxite aggregate to your desired consistency. Depending on the type of application you can add a small amount of aggregate or you can add all of the aggregate. Adding all of the aggregate will result in a higher film thickness, however the coating will be slightly harder to apply. Our recommendation is that all of the aggregate should be added.**

Application should be by brush. The system can be applied in one coat but should you have for any reason to apply a second coat this should be applied within 48 hours of the first coat application.

## Non-Slip

When a non slip finish is required- whilst the coating is still wet broadcast the coarse aggregate in to the wet coating, alternately drill holes in the container and simply use like a pepper pot

## Minimum Cure Temperature

5°C. When using the primer allow 16 hours prior to over coating with Hi Build.

## Coverage

76 steps one metre wide at 50mm when applied as a Hi Build system. When brushed at a lower film thickness the coverage will be greatly increased

## Storage Life

Hi Build SE 1000 should be stored between temperatures of 5°C and 30°C. In these conditions it has a shelf life in excess of 12 months.

## Cleaning

To clean brushes, equipment, contaminants, etc., we recommend the use of **Robex All Purpose Cleaner**.

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