

# Even Top 10

## DESCRIPTION

*ACS Even Top 10* is a self levelling cement based underlay. The product has been designed as a non-structural underlayment that can be used with a variety of floor finishes such as Carpet, ceramic tiles, rubber, sheet vinyl and timber flooring.

## FEATURES AND BENEFITS

- Fast mixing and application, enables large areas of floor to be completed with minimal down time.
- Self-levelling and smoothing.
- Can be applied on prepared concrete floors from feather edge to 10mm.
- Stable - can be installed in large areas without the effects of cracking or curling.
- Excellent adhesion.
- Fast curing allows speedy access for foot traffic and overlaying with after trades such as carpet or tiles etc.
- Pre-packaged just add water.
- Highly fluid and pumpable.
- Compatible with ACS tile adhesives.

## RECOMMENDED USES

- Smooth finishing of rough screeded floors.
- Levelling of concrete floors.
- Repairing existing/damaged concrete floors.
- A non-structural underlay of internal concrete floors to receive after trades such as Tiles, Vinyl, Carpet, Terrazzo, Self-levelling epoxy systems.

## PACKAGING

*ACS Even Top 10* is packed in multi-layer 20kg bags.

## COVERAGE RATES

A 20kg bag of *ACS Even Top 10* when mixed with 5.0 litres of clean water yields approximately 12.5 litres (0.0125m<sup>3</sup>)

## PERFORMANCE PROPERTIES

Strength	1 day	28 days
Compressive Strength	8-10Mpa	20-25Mpa
Flexural Strength	2-3Mpa	5-6Mpa

<b>Working Time @23°C</b>	30 -40 minutes
<b>Setting Times @23°C</b>	Initial 60 – 90 minutes Final 90 – 120 minutes
<b>Foot Traffic @23°C</b>	Approx 3 - 4 hours
<b>Water addition</b>	5.0 litres
<b>Colour</b>	Light Grey
<b>Application Temperature</b>	5°C to 30°C

## SURFACE PREPARATION

The concrete surface should be clean and free from all contaminants such as oil, sealers, curing compounds, paint, and carpet or tile adhesive residue. This is best achieved by grinding or mechanical shot blasting.

The concrete is to be dry and dust free. New concrete should be a minimum of 28 days old.

Joints in the base slab should be reflected in the topping slab by saw cutting.

## PRIMING

Apply a full coat of *ACS Neolastic* diluted at the rate of two parts clean water to one part *ACS Neolastic* (2:1) by roller, brush or low pressure spray. Avoid ponding of the primer.

One coat of primer is usually sufficient, however if the concrete surface is porous, two coats may be necessary. Allow the primer to fully dry before application of *ACS Even Top 10* (approximately two hours at 25°C).

## APPLICATION

### Mixing

*ACS Even Top 10* must be mixed with a mechanical slow speed mixer. In small areas, a variable speed drill type mixer fitted with a helical blade is recommended.

1. The required mixing water (5.0 litres) should be placed into the mixing vessel. Whilst mixing, add the powder slowly to reduce the incidence of lumps and mix until homogenous.
2. Total mixing time should be four minutes which includes the powder addition time. The product should be left to stand for approximately three minutes and remix before application.
3. For larger pours, several mixing buckets should be used to allow for continuous production.
4. For large commercial projects the *ACS Even Top 10* can be installed using a mechanical mixer/pump machine.

### Installation

The installation of *ACS Even Top 10* should be even and continuous. The product should be poured on to the floor from a maximum height of 200mm from the floor (this applies to both bucket and pump hose application). Always apply product into the proceeding wet material to ensure an even thickness and natural flow.

The fresh wet topping should be rolled immediately with a suitable spiked roller. Ensure the spikes are long enough to cope with the thickness of the material.

The standard maximum thickness of *ACS Even Top 10* is 10mm. However, should a greater thickness be required, please contact the manufacturer for installation instructions.

### CLEAN UP

Tools should be clean with water before material hardens.

### CURING

*ACS Even Top 10* does not require curing, however care should be taken not to install the product in direct sunlight or when hot winds are present. The use of curing compounds will

affect the surface texture and the bonding of any subsequent flooring adhesives.

### STORAGE

*ACS Even Top 10* should be stored in a moderate temperature and in a dry place. The expected shelf life is up to six months.

### HEALTH AND SAFETY

*ACS Even Top 10* contains cement powders which can be harmful to the skin. During use, avoid inhalation of dust and contact with the skin and eyes. Wear suitable clothing, gloves, eye protection and respiratory protective equipment.

If contact with the skin occurs, thoroughly clean the area with plenty of fresh water and soap. In case of contact with the eyes rinse with plenty of fresh water and seek medical advice.

If swallowed, seek medical attention immediately – **Do not** induce vomiting. For further information consult the **Material Safety Data Sheet** and read the product label carefully before use. **Material Safety Data Sheets** are available by phoning **1800 077 744**.

**Please Note:-** The information given in this data sheet is based on our current knowledge of the product when properly stored, handled and applied. We cannot guarantee that the product will be suitable, effective or safe when used for any purpose other than its stated uses.

To the extent that it is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexpert or negligent application, or ordinary wear and tear.

Service or advice given by our staff should not amount to responsibility for the project - since the owner, or their contractor (and not River Sands), is responsible for procedures relating to the application of the product.



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