

# Even Top 20

## DESCRIPTION

*ACS Even Top 20* is a high performance self levelling cement based underlay. The product has been designed to produce a hard smooth surface which can be used with a variety of floor finishes such as carpet, ceramic tiles, rubber, sheet vinyl and timber flooring.

*ACS Even Top 20* can be used as a base for the *CCS Galaxy Epoxy and Epoxy Fleck* flooring systems.

## FEATURES AND BENEFITS

- Fast mixing and application - enables large areas to be completed with minimal down time.
- Self levelling and smoothing.
- Can be applied on prepared concrete floors from feather edge to 50mm.
- Stable - can be installed in large areas without the effects of cracking or curling.
- Provides excellent adhesion.
- Fast curing allows speedy access for foot traffic and overlaying with after trades such as carpet or tiles etc.
- Pre-packaged – simply add water.
- Highly fluid and pumpable.
- Compatible with all ACS tile adhesives.

## RECOMMENDED USES

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

## PACKAGING

*ACS Even Top 20* is packed in multi-layer 20kg paper sacks.

## COVERAGE RATES

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

## PERFORMANCE PROPERTIES

	1 day	28 days
Compressive Strength:-	10 - 15MPa	25 - 30MPa
Flexural Strength:-	4Mpa	6Mpa
Working Time @23°C:-		30 -40 minutes
Setting Times @23°C:-	Initial Final	60 – 90 minutes 90 – 120 minutes
Foot Traffic:-		Approx 3 hours
Water addition:-		4.5 – 5.0 litres
Colour:-		Light Grey
Application Temperature:-		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 one 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.

Porous substrates may require two coats to ensure the surface is sealed. Avoid ponding of the primer. Allow to primer to dry before commencing application of *ACS Even Top 20*.

## APPLICATION

### Mixing:

*ACS Even Top 20* 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.

The required mixing water (4.5 – 5 litres) should be placed into the mixing vessel. Whilst mixing, add the powder slowly to reduce the incidence of lumps and mix until homogenous.

Total mixing time should be four minutes (including the addition of the powder). The product should be left to stand for approximately three minutes. Remix before application.

For larger pours, several mixing buckets should be used to allow for continuous production. For large commercial projects, *ACS Even Top 20* can be installed using a mechanical mixer/pump machine.

### Installation:

The installation of *ACS Even Top 20* 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 bucket application or pump hose.

Always apply product into the preceeding wet material to ensure an even thickness and natural flow.

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

The standard maximum thickness of *ACS Even Top 20* is 20mm. If greater thicknesses up to 50mm are required, mix graded sand on a 1:1 basis by volume. See the manufacturer for sand grading and mixing requirements.

## CLEAN UP

Tools should be cleaned with water before the material hardens.

## CURING

*ACS Even Top 20* 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.

## HEALTH AND SAFETY

*ACS Even Top 20* 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**.

## STORAGE

*ACS Even Top 20* should be stored in a moderate temperature and in a dry place. The expected shelf life is six months.

**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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