

A P P L I E D

concrete
SOLUTIONS

CONSTANT PERFORMANCE

ACS NEOLASTIC

NEW AGE TECHNOLOGY ADMIXTURE

DESCRIPTION

ACS NeoLastic is an acrylic, latex admixture that can be used primarily as a primer and to further improve the bond strength and deformability of ACS Screed.

The unique polymers within ACS NeoLastic also enable it to be used for the following purposes:

- **Waterproofing** – mix with cement (2 parts water:1 part ACS NeoLastic).
- **Dust proofing** – apply over masonry substrates to remove dust particles. (2 parts water:1 part ACS NeoLastic).
- **Primer for renders and textures** – mix 50/50 (1:1) with water for use as a primer over porous substrates.
Note: Once substrate has been primed, apply toppings within 10 hours, as the substrate may become too dense to accept a topping.
- **Bonding agent** in cement based renders. Substitute 1 litre of water for 1 litre of ACS NeoLastic in the mix water to improve the bond strength of the render.
- **Void filler** when mixed with clean silica sand after cleaning and priming the void.

FEATURES AND BENEFITS

- Improves bond strength and water resistance
- Improves deformability
- Improves application and performance characteristics for a wide range of cement based products when substrates are pre-treated with material
- Internal and external use

PACKAGING

ACS NeoLastic is available in 10 and 20 litre plastic containers.

CONSUMPTION

Approximately 2kg per m² per mm of adhesive thickness. 20kg of ACS Screed will cover approximately 1m² at a thickness of 10mm.

For guidance, the table below provides estimated coverage for ACS Screed and NeoLastic for various applications.

Surface types and application variations may cause departures from these consumption estimates.

Application	Application Details	Cover Estimate (smooth surface) m ² /litre (mix)	Cover Estimate (rough surface) m ² /litre (mix)	Litres NeoLastic needed (mix)
Cement Slurry Bond Coat	1:1 (v/v) NeoLastic/Water mixture, 2 litres of mixture added to 4kg cement	(4)	(2)	(1)
Priming	Neat (direct from container)	4	2	1
Priming	1:1 (v/v) NeoLastic/water mixture	16	8	0.5
Priming	1:2 (v/v) NeoLastic/water mixture	24	12	0.33
Screed Admixture	1.8-2.1 litres of 1:1 (v/v) NeoLastic/water mixture added to 20kg screed, 10mm screed layer thickness	(1:1)	(1:1)	(1)

SUBSTRATE PREPARATION

All substrates must be completely solid, dry, structurally sound, free from loose particles, paint, grease, oil, wax, dust and any other contaminants.

PRIMING

- Highly absorbent substrates should be primed with ACS NeoLastic at the rate of 1 part water : 1 part ACS NeoLastic.
- All masonry and cementitious substrates must be primed at the rate of two parts water to one part ACS NeoLastic, prior to installation of the ACS Screed. Note: If preparing a 'bonded screed', prime at the rate of 1 part water : 1 part ACS NeoLastic .

MIXING

- 1 Add 1 litre of clean water and 1 litre of ACS NeoLastic per 20kg bag of ACS Screed into a clean bucket.
- 2 Mix together slowly using a high speed drill mixer until smooth and homogeneous.
- 3 Apply the screed as per application instructions on the ACS Screed packaging.

CLEAN UP

Clean all tools and equipment with water.

STORAGE

Store between 10°C and 30°C away from direct sunlight.

Shelf life is up to 12-18 months in original unopened container. Partly used containers must be sealed tight when not in use.

HEALTH AND SAFETY

ACS NeoLastic is non-flammable and poses no fire risk.

The product is harmful if swallowed, irritating to the eyes and skin and may cause sensitisation by skin contact.

Wear suitable gloves, eye and face protection. Do not empty into drains.

If swallowed, contact a doctor or Poisons Information Centre

In case of contact with the eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. After contact with the skin, wash immediately with plenty of water.

Please refer to the Safety Data Sheet and product label for further information. Safety Data Sheets are available by phoning 1800 077 744.



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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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