RSA AAC SUPA FLEX

Technical Data Sheet

PRODUCT DESCRIPTION

RSA AAC Supa Flex is a high quality, polymer modified, cement based render which requires only the addition of clean water. Developed for application by hand or machine, RSA AAC Supa Flex is suitable for use over AAC substrates.

RSA AAC Supa Flex has been developed to deal with the characteristics of light weight cementitious substrates. Suitable for interior and exterior use. The render can also be floated and sponged to an attractive sandcoat finish. RSA AAC Supa Flex has an extended 'hang time' for greater productivity and high early hardness, excellent 'come back' qualities for quicker, easier floating, as well as increased adhesion and cohesion for long term peace of mind.

FEATURES AND BENEFITS

- Formulated for excellent crack control
- Only requires the addition of water and mixing
- Offers excellent flexibility due to high polymer modifcation
- Improved formula for easier floating and finishing
- Offers an efficient Initial set time which can be brought back
- Tough, durable, scratch resistant surface

TYPICAL USES

RSA AAC Supa Flex is typically used as a single component system to cover AAC substrates. The product is used as an initial cover coat on the AAC without the need to separately reinforce joints and then applied as a second coat with a decorative sand texture finish which is overcoated with a selective RSA Protective Coating.

SUITABLE SUBSTRATES

When applied in accordance with the most recent RSA written information, RSA AAC Supa Flex is suitable for use over a range of AAC substrates.

THEORETICAL COVERAGE

When applied at nominal 2mm thickness, one bag of RSA AAC Supa Flex will cover approximately 6-8 m^2.

Note: The theoretical coverage is based on a true flat substrate that has no recesses or voids with minimum suction (porosity) and depends on application techniques.

It does not account for material use for joint filling.

TECHNICAL AND APPLICATION DATA	
Spread Rate	One 20kg bag will cover approx 6-8m^2 @2mm thickness
Toxicity	Non-toxic (dust masks should be worn when mixing product)
Application	Steel trowel
Dry Time	Please refer to the Application Guidelines for relevant substrate & product
Abrasion	Excellent resistance after 72 hours or when top coated
Water Resistance	Excellent resistance when top coated
Shelf Life	One year when stored in a cool, dry environment
Colour	Off-white in appearance
Curing	24 hours per 1mm of render thickness under standard conditions
Clean Up	Protect all areas not to be coated and clean with potable water

TRANSPORT AND STORAGE	
Packaging Type	20kg paper bags
Bags per Pallet	48
Dangerous Goods	n/a

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PREPARATION

Cleaning: Ensure all surfaces to be coated are sound, clean, dry, free from dust, oil, release agents, loose material, efflorescence and/or other contaminants. Remove all mortar dags and protrusions and either brush down with a stiff broom or wash/pressure clean substrate as required, prior to the application of any products.

SUBSTRATE PREPARATION AND HYDRATION

It is recommended that AAC substrates be sealed or hydrated prior to the application of RSA AAC Supa Flex as this limits water loss from the render to the substrate. In turn, it also keeps the water in the freshly applied render (reducing the likelihood of 'plastic shrinkage cracking') and eliminates the need to cure the render after application.

These pre-treatments also improve the ease of application of RSA AAC Supa Flex

Typical sealing or hydration methods

Sealing: Highly absorbent substrates such as AAC should be sealed with a 1:1 mix of RSA Render Bond and water. Best results are achieved when the sealer is applied at least 24 hours prior to the render application.

Hydration: The AAC may be sealed as above, or alternatively it can be soaked/'hydrated' with clean water until the water beads and runs off the surface before application of RSA AAC Supa Flex

Masking: For all surfaces not to be coated (windows, doors, roofs, finished floors) we recommend masking, covering or otherwise protecting the surface prior to any application.

MIXING

1 For pump use, mix the RSA AAC Supa Flex according to the pump manufacturer's recommendations. If the machine requires you to add
dry mix please do so. For wet mix machines refer to point two below.

2 Slowly add RSA AAC Supa Flex to approximately 4.2-4.4 litres of clean potable water whilst vigorously stirring with a suitable mechanical mixer
(drill and paddle).

3 Mix RSA AAC Supa Flex for at least three minutes to activate additives.

4 Allow RSA AAC Supa Flex to stand for a minimum of five minutes to ensure that the chemical reaction of additives occurs.

5 Remix RSA AAC Supa Flex for one minute whilst adjusting consistency with the addition of water or render as required.

Pot life: The pot life of mixed RSA AAC Supa Flex when left in the shade is approximately 2 hours.

APPLICATION GUIDE

RSA AAC Supa Flex can be applied by trowel or machine.

Mix RSA AAC Supa Flex according to previous guidelines.

Wet down any unprimed substrates and allow sheen on surface to recede to a matt finish.

Apply RSA AAC Supa Flex just slightly thicker than the grain size of the product as a primary, tight render coat to the AAC substrate.

Allow primary coat to firm and apply a second (top), tight coat of RSA AAC Supa Flex.

Finish the product with a plastic float/trowel, using circular motions to achieve the desired surface texture.

Note: Plan your application methods to maintain a wet edge. Consider weather and substrate conditions inorder to achieve a uniform finish. Keep sheltered from rain and moisture for 24 hours and consider misting if applied during hot or windy conditions.

OVER-COATING

When over-coating RSA AAC Supa Flex with RSA protective coatings, application may commence 24 hours after completion of texture application.

PRECAUTIONS AND LIMITATIONS

This product should not be applied in windy conditions and in temperatures below 5ºC (temperature must be climbing on application and should not fall below 5ºC within eight hours of application) or above 35ºC. Protect from freezing and temperatures below 5ºC for 48 hours after application. Protect from rain for up to 48 hours after application.

When applied, this product cannot be expected to hide imperfections, correct poor quality substrate installations or overcome preparation / workmanship deficiencies.

Substrates and previous RSA coatings must contain less than 15% Wood Moisture Equivalent (WME) prior to the application of RSA AAC Supa Flex.

WARRANTY

Render Systems Australia (RSA) offers a 7 Year Product Warranty provided:

1   All substrates are installed in accordance with manufacturers specifications, Australian Standards and Good Trade Practices.

2   All products and processes as detailed above are applied by an RSA preferred contractor and in accordance with RSA Technical Data Sheets, Specifications, Application Guidelines and Good Trade Practices.

3   Guidelines Only – always refer to RSA System Specifications and Application Guidelines.

FURTHER INFORMATION

Consult the Safety Data Sheet and read the product label before use. SDS are downloadable via www.rendersystems.com.au or call 1800 077 744.

Manufactured under a Quality Management System certified to ISO 9001:2015

Render Systems Australia is a division of River Sands Pty Ltd
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