Technical Data Sheet

ROCKCOTE
COLOURED RENDERS • PAINTED FINISHES
Naturally Beautiful

ROCKCOTE ARMOUR FLEX

Effective From	09 May, 2023

Rockcote Armour Flex is our most advanced, flexible, high build elastomeric membrane coating. Rockcote Armour Flex has been specifically formulated to offer a high level of water resistance, weatherproofing and crack bridging capabilities. Rockcote Armour Flex can be applied by nap roller, texture roller, brush or spray gun. Rockcote Armour Flex is ideally suited to applications that require a superior level of protection, such as high-rise buildings, commercial buildings, residential developments and areas of coastal exposure.

Features

- Water based
- Excellent flexibility
- Vapour permeable
- Easy to maintain
- Low maintenance

Benefits

- Excellent colour retention
- Very high water resistance
- Long term exterior protection
- Mould resistant
- Scuff resistant
- Easy to use
- Very high resistance to cracking
- Will bridge existing cracks of up to 1mm

Uses

- Will provide a medium build stipple finish over properly primed substrates such as brick, block, Rockcote renders and textures, concrete, fibre cement sheeting and AAC panels/blocks.
- Designed to be used where a superior level of crack resistance and a superior level of protection against water ingress is required.
- Provides excellent added durability and ensures a low maintenance coating when combined within a Rockcote System.
- Suitable for interior and exterior use.

Colours and Gloss

- Can be tinted to a wide range of colours.
- For exterior applications it is recommended that light-fastness of chosen colours be confirmed before ordering.
- Available in white, light, deep and strong bases in Low Sheen, and white base (only) in Matt.

Sheen Level	Available in Low Sheen and Matt
Coverage Rate	2 - 4.5m2/ltr Depending on substrate porosity, surface texture, application method and system being applied.
Application Method	Long Nap Roller
Dry Film Build	Min. 100 - Max. 220 microns per coat
Wet Film Build	Min. 227 - Max. 500 microns per coat

Typical Data at 25°C and 50% Relative Humidity

Drying Time	6-8 hours
Touch Dry	2 hours
Dry to Recoat	6-8 hours
Usual No Coats	2
Clean Up	Water
Packaging Sizes	**Trade** 20L ☐ 15L ☒ 10L ☐ 4L ☐ 1L ☐

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Volume Solids

Thinning — Up to 5% for cutting in & spraying and up to 5% for first coat when applying over acrylic texture and render.

Elongation Rate — 700% (ASTM D-412)

Crack Bridging — 8.9 times DFT (AS4548.5/F Static Test)

Abrasion Resistance — Excellent

Moisture Control — Excellent

Water Resistance — Excellent

Pot Life

Substrate Conditions

- Must be applied over properly prepared substrates that are free of dirt, dust, grime and any other contaminants and contain less than 15% Wood Moisture Equivalent (WME).
- Do not apply if air and surface temperatures are below 10ºC or above 35ºC.
- If applying over Rockcote Quick Render, application may proceed after 48 hours if properly cured and contains less than 15% WME.
- Fresh cementitious substrates such as site mix sand and cement render or concrete must be left for up to 28 days to sufficiently cure and contain no more than 15% WME prior to application.
- Rockcote Anti Efflorescent Primer must be used when coating cementitious substrates such as site mix sand and cement render.
- Up to 5% water can be added to first coat, when applying over acrylic texture and render.

Application

- To ensure colour consistency, the same paint batch should be used on the finish coat. If this is not possible then multiple pails should be boxed together.
- Be sure to keep a wet edge with this product and plan your work to suit the product and weather conditions. See Rockcote's Technical Article on "Cutting In and avoiding picture framing".
- It is best practice to finish at an external or internal corner, or at a control line when work will continue the next day.
- Keep sheltered from rain and moisture for 24-48 hours after completion dependent on climatic conditions.
- For a standard low profile paint finish, use a 20mm nap sheep skin roller sleeve (for airless spray use 0.021 to 0.025 tips).
- For a textured stipple effect use a fine or medium texture roller sleeve.
- Applicator must check colour prior to application. Rockcote will not accept liability once product has been applied.

Precautions and Limitations

- Should not be applied in temperatures below 10ºC or above 35ºC.
- Not suitable for areas of continual damp or areas submerged in water.
- Not suitable for floors.

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Transport and Storage

- Store in a cool dark place.
- Keep pail sealed.
- Do not stack over 3 high.

Disposal

- Spilt Material must be absorbed with sand/sawdust and lifted for proper disposal
- Product must not be allowed to run into drains or open bodies of water
- Residual small amounts of leftover paint on brushes and rollers should be wiped on to an old newspaper and allowed to dry, rather than being washed down the sink. Dispose of in accordance with local council regulations
- Suitable for disposal through the RA Industries Reclaimer Portable Paint Wash Recycling System

Safety Data

Refer to Rockcote Armour Flex SDS

Disclaimer

Rockcote Enterprises Pty Ltd will not accept responsibility for any misuse of this product or if not applied by a skilled and experienced applicator and in accordance with our technical specifications. Due to our policy of continuing product improvement, Rockcote Enterprises Pty Ltd reserves the right to change these specifications without further notice. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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