

# TECHNICAL SPECIFICATION

## ROCKCOTE ARMOUR FLEX

Last Updated: August 2011

**Description** Rockcote Armour Flex is a highly flexible, weather resistant, water-based acrylic Membrane that can be applied by nap roller or medium texture roller.

### Features

\*10 year warranty  
 Water based  
 Excellent Flexibility  
 Vapour Permeable  
 Easy to Maintain

\*When used as part of a full Rockcote system

### Benefits

Long term exterior performance  
 Excellent colour retention  
 High crack bridging capabilities  
 High water resistance  
 Mould resistant

### Uses

Armour Flex will provide standard low profile paint finishes or medium build stipple finishes over substrates such as brick, block, Rockcote renders and textures, concrete, cement sheeting and AAC Panels/blocks.

### Colours and Sheen Level

- 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  
 - Low Sheen

### Typical Data at 25C and 50% Relative Humidity]

<b>Volume Solids:</b>	50%	
<b>Thinning:</b>	Up to 10% for cutting in & Spray	
<b>Coverage Rate:</b>	Low Profile: 3.0m <sup>2</sup> /ltr p/coat	Medium Profile: 2.0m <sup>2</sup> /ltr p/coat
<b>Wet Film Build:</b>	Low Profile: 330 µm p/coat	Medium Profile: 400-500 µm p/coat
<b>Dry Film Build:</b>	Low Profile: 160 µm p/coat	Medium Profile: 200-250 µm p/coat
<b>Drying Time:</b>	6-8 hours	
<b>Time to Recoat:</b>	6-8hrs	<b>Full Curing Time:</b> 7 - 21 days
<b>Elongation Rate:</b>	700% (ASTM D-412)	
<b>Crack Bridging:</b>	8.9 times DFT (AS4548.5/F Static Test)	
<b>Moisture Control:</b>	Excellent	<b>Abrasion Resistance:</b> Excellent
<b>Pack Size:</b>	4ltr & 15ltr Pail	<b>Usual Number of Coats:</b> 2
<b>Clean Up:</b>	Water	

### Substrate Conditions

- Armour Flex must be applied over properly prepared substrates that are free of dirt, dust, grime and any other contaminants and contain less than 15% moisture [WME].
- Do not apply Armour Flex if air and surface temperatures are below 5°C or above 35°C.
- If applying over Rockcote Q Render, application of Armour Flex may proceed after 48hrs if properly cured and contain less than 15% WME.

## TECHNICAL SPECIFICATION

### ROCKCOTE Armour Flex

---

- Fresh cementitious substrates such as site mix sand and cement render, concrete must be left for up to 28 days to sufficiently cure and contain no more than 15% WME prior to application of Armour Flex.

---

#### Application

- The application of Armour Flex is a specialist procedure and should only be carried out by a skilled and experienced applicator
- If using multiple pails of Armour Flex contents must be boxed together to ensure colour consistency.
- 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" available on [www.rockcote.com.au](http://www.rockcote.com.au)
- If joining up to previous day's application, mask up where you finish to avoid possible discolouration.
- Keep the finished Armour Flex sheltered from rain and moisture for 24 -48 hrs after completion dependent on climatic conditions.
- For a standard low profile paint finish, use a 20mm nap woolen roller sleeve (for Airless Spray use 0.021.. to 0.025 .. tips)
- For a textured stipple effect use a medium black texture roller sleeve.

---

#### Safety Data

Refer to Armour Flex MSDS

---

#### Precautions and Limitations

- Armour Flex should not be applied in temperatures below 5°C or above 35°C.
- Armour Flex is not suitable for areas of continual damp or areas submerged in water.
- Armour Flex is not suitable for floors.

---

#### Transport and Storage

- **Storage Life** 12 Months
- **Do not stack over** 3 high
- Keep pail sealed

---

#### 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 continual product improvement, Rockcote Enterprises Pty Ltd reserves the right to change these specifications without further notice.