

ROCKCOTE Armour Flex is a heavy duty acrylic membrane coating suitable for use over texture coatings, brickwork, concrete, cement render, Hebel A.A.C. , fibre cement sheet and most common masonry building substrates, when properly prepared.

ROCKCOTE Armour Flex is an acrylic heavy duty durable coating, providing long term external protection for all masonry surfaces. This product can also be applied as a final finish over ROCKCOTE texture coatings for added durability, weather protection, and resistance to dirt pick-up. Providing an attractive flat, low sheen or satin finish.

ROCKCOTE Armour Flex is especially suited to the long term protection of masonry substrates where a durable and flexible coating capable of a stipple/ textured finish is required.

## PERFORMANCE & PROPERTIES

### Adhesion

ROCKCOTE Armour Flex exhibits excellent adhesion to most common masonry building materials if correct surface preparation is carried out in accordance with specifications.

### Durability

ROCKCOTE Armour Flex is impact resistant, scuff resistant, easy to clean. It is resistant to extremes of weather and attack from fungi and mould. ROCKCOTE Armour Flex provides a water repellent finish that is resistant to micro-cracking caused by thermal expansion and contraction of the substrate. This product remains vapour permeable, allowing the walls to “breathe”.

### Colours Available

ROCKCOTE Armour Flex can be tinted to a wide range of colours from soft natural tones to vibrant colours. Light-fastness of chosen exterior colours must be confirmed before ordering.

### Limitations

ROCKCOTE Armour Flex is not recommended for floors, nor is it suitable for areas that will be totally submerged in water or subjected to continual damp. ROCKCOTE Armour Flex is not suitable for use over oily hardwoods that haven't been primed with a stain blocking primer.

## SURFACE PREPARATION

All surfaces should be clean and free from loose material such as drummy sections and flaking paint. Powdery surfaces should not be painted with ROCKCOTE Armour Flex. Glossy surfaces should be lightly sanded and washed clean. Dirty surfaces should be washed down with warm water mixed with detergent and flushed with clean water. Mould should be removed by cleaning and surfaces treated with a proprietary surface sanitiser with residual action. Only dry surfaces should be painted. Fill cracks and other surface imperfections with suitable ROCKCOTE patching compounds.

Substrates must contain less than 15% Wood-Moisture-Equivalent (%WME) before painting. ROCKCOTE cement based renders can be coated 48 hours after drying. Other new cementitious surfaces should not be coated until 30 days old.

## APPLICATION

ROCKCOTE Armour Flex is applied to the properly prepared substrate using brush, roller or airless spray equipment.

Two coats should be applied, allowing at least 6 hours drying time between coats. To obtain a stipple/ textured finish, the first coat of ROCKCOTE Armour Flex should be applied with a textured sleeve to suit the degree of texture/ stipple required. The second coat should be applied with a long nap woollen roller (ensuring the recommended film build is achieved).

For colours tinted from Ultra Deep Base, (unless applied over a similar colour background) a three coat application may be required to achieve the desired opacity.

ROCKCOTE Armour Flex may be applied to off-form concrete Class 2 (AS1510) or equivalent, cement rendered fair-faced flush jointed concrete block and brickwork (common, clay, concrete, Calsil, and extruded), Exotech, CFC, and fibre cement sheeting, tilt-up and pre-cast concrete, Autoclaved Aerated Concrete (AAC), paper faced plasterboard, extruded and expanded polystyrene.

Application should not be carried out in temperatures below 5°C or above 35°C or in strong winds.

Thinning	Armour Flex can be thinned with clean water at up to 10% for cutting in and spray application.
Flammability	Non Flammable
Clean Up	Clean with water immediately after use. Recently dried material can be removed with methylated spirits.
Volume Solids	50%
Drying (55% Relative Humidity, 25°C)	Touch dry in 4 hours. Dry to recoat in 6 hours. Fully cured in 7 days. (Dry times vary with changes in temperature and humidity).
Pack Size	15lt and 4lt pails
Finish	Flat, Low Sheen and Satin
Maintenance	Any identified damaged should be repaired as soon as possible.
Durability	Excellent interior or exterior
Recommended total film thickness – High Profile (Texture Roller)	800 microns (wet) { 400 microns(dry)} Applied in 2 coats
Recommended total film thickness – Low Profile (10-12mm pile roller)	660 microns (wet) { 330 microns(dry)} Applied in 2 coats
Consistency	Thick creamy paste
Elongation (low sheen)	700% (ASTM D-412)
Crack Bridging (low sheen)	Five times dry film thickness
Airless Spray	0.021" to 0.025" tips
Usual number of coats	2

### THEORETICAL SPREADING RATES

SURFACE:	Litres per square metre (L/ m <sup>2</sup> )		Square metres per litre (m <sup>2</sup> /L)		Square metres per 15 Litre pail	
	High Profile	Low Profile	High Profile	Low Profile	High Profile	Low Profile
<b>Concrete, Quick Render &amp; Sealed Cement Sheeting</b>	0.40	0.33	2.5	3.0	37.5	45
<b>1.0 mm Trowel-On</b>	0.46	0.38	2.2	2.6	33	39
<b>1.5 mm Trowel-On</b>	0.46	0.38	2.2	2.6	33	39
<b>2.0 mm Trowel-On</b>	0.50	0.41	2.0	2.4	30	36
<b>2.5 mm Trowel-On</b>	0.56	0.46	1.8	2.2	27	33
<b>3.0 mm Trowel-On</b>	0.60	0.50	1.7	2.0	25.5	30

SPREADING RATES above are APPROXIMATE ONLY and may vary according to substrate, preparation, wastage factors and application techniques. Applies to one coat over the surfaces listed above.

### STORAGE, SAFETY & HANDLING

Refer to the ROCKCOTE MSDS for Armour Flex

Pails should not be stacked more than three high during transportation and should be stored out of direct sunlight and above 4°C

When working with Rockcote Armour Flex, observe the usual precautions for handling water borne acrylic based products

Avoid inhalation of vapour, prolonged skin contact and particularly eye contact

If skin or eye contact occurs, flush thoroughly with clean water and see a doctor if irritation occurs

If ingestion occurs, drink at least two glasses of water and consult a doctor

Wear protective clothing to minimise skin contact, and wear goggles where spatter is likely

In emergency contact Poisons Information PH:13 11 26

### PROPER DISPOSAL OF EXCESS & WASTE PRODUCT

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- Spilt material must be absorbed with sand/sawdust and lifted for proper disposal. Spilled 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 old newspaper and allowed to dry, rather than being washed down the sink. Dispose of in accordance with local council regulations.
- ROCKCOTE Armour Flex is suitable for disposal through the RA Industries Reclaimer Portable Paint Wash Recycling System.

### Indemnity

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.