

**KOROK®**

# ACRYLIC FIRE SEAL



**KOROK Acrylic Fire Seal is a water-based acrylic fire retardant sealant that provides movement capability for fire-rated joint applications.**

**In suitably designed joints, it has a fire rating of up to 4 hours according to AS1530.4:2014. KOROK Acrylic Fire Seal has the additional benefit of containing acoustic properties for sound deadening applications.**

## FEATURES & BENEFITS

- Up to 4 hours fire resistance according to AS1530.4
- Acoustic properties for sound deadening
- Easy clean up

## APPLICABLE TESTS / STANDARDS

- Tested in accordance with AS1530.4:2014 as appropriate.
- Low VOC.

## APPLICATION

KOROK Acrylic Fire Seal is approved for use with KOROK systems.

**TECHNICAL  
DATA  
SHEET.**

**KOROK**

## APPLICATION DIRECTION

- 1 Surfaces must be clean, dry and free of dirt, dust, grease, oil or water.
- 2 For a neat finish, apply masking tape and remove it before sealant skins over.
- 3 Cut nozzle at 45° angle to desired bead-width and apply to substrate with application gun.
- 4 Tool the sealant within 10 minutes of extrusion before it skins.
- 5 Allow to dry for one hour before applying waterbased paint and 24 hours for oil-based paint.

## CLEAN UP

- Uncured sealant can be cleaned up with damp cloth.
- Cured sealants can only be removed mechanically.

## TECHNICAL DATA

BASE	Acrylic emulsion	
PHYSICAL STATE	Soft paste	
WORKING TIME	<10 minutes (at 25 °C & 50% R.H.)	
COLOURS	Grey	
APPLICATION TEMPERATURE	5 °C – 40 °C	
SERVICE TEMPERATURE	-10 °C – 75 °C	
CURING SYSTEM	Water evaporation	
DENSITY	1.46 g/mL	
SOLID CONTENT	80 %	
MAXIMUM TENSILE	0.5 N/mm <sup>2</sup>	ASTM D412
ELONGATION	100%	ASTM D412
MOVEMENT CAPABILITY	±20%	ASTM C 719
SHORE A HARDNESS	39	ASTM C661
LOW VOC	Yes	
VOC CONTENT	34 g/L	ASTM D3960

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## PACKAGING

- 600ml Sausage (20/Carton)

## SHELF LIFE

24 months

## STORAGE

Store in a dry and cool place with temperature below 30 °C. (Do not store below 5 °C)

## LIMITATIONS

- Not recommended for continuous water emersion and not for PE, PP, Teflon and bituminous surfaces.
- Painting over with highly filled emulsion paints can cause cracks in paint film.

## CAUTION

Contains a mixture of CMIT/MIT. May produce an allergic reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. If eye irritation persists: Get medical advice. Keep out of reach of children. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

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