



RESIKON RESISIL-FLEX

TECHNICAL DATA SHEET

INTRODUCTION

RESISIL-FLEX is two component cementitious acrylic copolymer flexible coatings. The product is designed to be used on RCC structures, brick walls, blocks and other cementitious surface to protect against water, chemical fumes and carbon dioxide. The product can be used for positive and negative waterproofing. Application areas for the product are waterproofing of terraces, wet areas, water tanks, drainage, swimming pool, podium, garden area and basements.

FEATURES & BENEFITS

RESIKON RESISIL-FLEX is manufactured using special acrylate monomers and Cementitious powder to impart good adhesion and flexibility and hence has several advantages.

- Water Proofing
- Gives flexible coating
- Can bridge cracks up to 1 mm
- Prevents carbonation of surface and chloride attacks
- Excellent elastomeric property
- Excellent adhesion to concrete

PHYSICAL PROPERTIES

Component A:

Appearance : Powder
Colour : off White
Bulk Density, gm/cu.cm. : 1.60 – 1.64

Component B:

Appearance : Milky white liquid
% Total Solids : 47 ± 1
Viscosity by B4 FC at 30°C[sec] : 12 -18
pH : 7 – 9
Specific Gravity : 1.04 - 1.06

	Elongation	:	70%
	Crack- bridging	:	1 mm
	Pot life	:	25 min @ 30°C
	Water pressure		
	+ve pressure:	:	approx. 8 bar
	- ve pressure	:	approx. 4 bar

INSTRUCTIONS FOR USE	<p>Surface preparation</p> <p>The surface preparation is most essential part of water proofing treatment.</p> <p>Following steps are recommended:</p> <ul style="list-style-type: none"> • Remove all loose materials, dust, fungus, moss, oils and grease etc. using mechanical means like wire brush, hard brooms, chisel or sandblasting • Removal of old tar coating, grease, oil etc, is preferred by using organic solvents <p>Mixing</p> <p>RESISIL - FLEX</p> <p>Two component system having 20 kg powder and 8 kg liquid. First take entire quantity of liquid into a vessel and slowly add powder into it with stirrer until you get the homogenized mixture.</p> <p>Application</p> <p>Apply slurry of mixed material in two coats on entire surface by brush or trowel equipment.</p>
-----------------------------	--

PACKING	28 kg combined pack.
----------------	----------------------

COVERAGE	80-100 sq ft/ kit
-----------------	-------------------

STORAGE	RESIKON RESISIL - FLEX can be stored for twelve months in a tightly closed container kept under shade.
----------------	--

SAFETY DATA	HEALTH HAZARD: RESIKON RESISIL - FLEX is nontoxic in nature. It is recommended to take necessary precaution, which one would take while handling alkaline substance. Use rubber hand gloves, splash goggles etc. Direct contact with any part of the body,
--------------------	--

especially with eyes must be avoided. In case of contact or splash into eyes, wash with water immediately and consult a physician.
FIRE HAZARD: By itself it cannot catch fire. If comes in contact with alkali, heat and fumes can get generated.

DISCLAIMER

This information is given to the best of our knowledge. There is no legally binding assurance of certain properties for a specific purpose. The customer is responsible for determining whether the product and Information provided here is appropriate for his use. It is the sole responsibility of the customer to ensure that any proprietary rights and existing laws and legislation are observed.

ANUVI CHEMICALS LIMITED (AN ISO 9001: 2015 COMPANY)

Sales office: 205/210/211, Narmada, Laxmi Industrial Premises,
Pokharan Road No.1, Vartak Nagar, Thane - 400 606,
Maharashtra. India.

Tel.: +91-22-25855379 / 25855714 **Website** www.resikon.com

