

# MIXSEALMASTIC ACR

Single component acrylic based elastomeric joint sealant



the construction chemist...

## Introduction

**Mixsealmastic ACR** is a high quality, general purpose single component elastomeric acrylic joint sealant and crack filler which dries to form a very stable seal. It is suitable for low movement joints, both interior and exterior use. It is a non-staining sealant that resists cracking and gives a smooth finish that requires no sanding. It is a paintable caulking sealant



## Appropriation

Construction joints with low to medium level movement  
Plaster cracks, shrinkage cracks  
Roof flashing and sealing roof tile joints  
Sealing wall corners  
Sealing around window and doors; between wall and skirting boards  
Painting to brickwork and concrete

## Characteristics

Water based  
Non flammable & economical  
Easily tooled to give good smooth finish  
Suitable for both interior and exterior use  
Bonds to wide range of building materials  
Durable and flexible seal

## Technical Data and Properties

Standard conforms	ASTM C 834
Appearance	Smooth Viscous Paste
Color	White and Grey (Other Color available on request)
Specific Gravity	1.6
Shore Hardness	50
Solid Content	80%
UV Resistance	Excellent
Shore Hardness A	50
Tack Free Time	20mins
Curing	7Days
Flammability	Non -Flammable
Sag	No Sag

## Product Management

**Application:** Surface preparation - All surfaces must be clean, dry, and free from dust & any loosely adhering materials. For internal cracks in plaster etc. ensure the shoulders of the crack are widened to a minimum of 3 - 4mm to give adequate penetration and performance  
**Priming:** Priming is not required for most cases, but for porous and dirty surfaces, thin down sealant with 3 parts clean water and apply by brush to the joint faces

## Dosage Rates

Approximate grams per linear meter joint

Depth of Joint in mm	Width of Joint in mm				
	6	10	12	15	20
6	51.70m	93m	103.4m	310m	-
8	-	-	141m	179m	232.5m
10	-	-	179m	221.5m	290.5m
12	-	-	211m	273.5m	357.7m

Mixsealmastic ACR can be applied with a trowel or spatula. The cartridge pack can be applied with standard sealant gun. For larger areas pressurized application may be used. After application, smooth and compress the sealant in to the joint by using a pallet knife, Spoon or similar tool, moistened with water. Protect the edge of joint with masking tape; remove the tape immediately after smoothing.

If the next application is a paint base, then an emulsion painting can be carried out after 2 hours and oil-based paint after 6 hours of Mixsealmastic ACR sealant application



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**Joint fillers:** Where applicable, suitable joint filler should be used to partially fill the joint in order to provide correct depth to sealant. Suitable material is closed-cell X-linked polyethylene strip or cord

**Masking tape:** Masking tape may be used to improve the neatness of the finished seal by protecting the face edges of the joint. This should be removed immediately after the Mixsealmastic ACR has been applied

**Cleaning:** Clean with mere damp cloth

## Packing & Storage

Mixsealmastic ACR is available in 25 kg pail. For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers/ storage silos. Mixsealmastic ACR should be stored in cool, dry and shaded warehouses. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per recommendations. In extreme tropical climate, the product must be stored in cooled ambience. Failure to comply with the commended storage conditions, excessive humidity and over exposure to UV may result in premature deterioration of the product

## Health & Safety

Mixsealmastic ACR contains no hazardous substances. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each PyChem product.

Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hand-on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity and porosity of substrate may impinge on values



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