

PC Joint PU



Single component PU based joint sealant

Product Overview

PC Joint PU is a single component moisture curing, PU based joint sealant. In properly designed expansion and control joints, it provides fast curing and elastomeric seal with excellent skin formation.

Areas of applications

1. For all types of dynamic moving joints; expansion and control joints.
2. For bonding most of the common building materials like glass, wood, ceramic, stone, concrete, etc.

Properties

1. PC Joint PU has excellent tear resistance and weathering properties.
2. It is a durable and non-staining resilient sealant.
3. It is available different colors.
4. It cures very fast and exhibits good skin formation time.
5. It has good resistance to chemical attack ultraviolet lights and saline solutions..

Guidelines for Usage

1. Surface Preparation: Remove all grease, oil, dirt, laitance and foreign particles from the joint profile that could hamper proper adhesion. Laitance, moulds and contaminants could be removed by mechanical means such as high speed water jet, grit blast or wire brush. Joints subjected to cyclic movements should have

width : depth ratio 2:1.

2. Application: PC Joint PU should be applied using a conventional sealant gun, ensuring enough sealant to fill the width and depth of joint and get levelled to the surface profile. Following the application the sealant must be tooled into place to ensure adequate adhesion with the joint profile is achieved. The application temperature should be between 5°C to 40°C.

Coverage

PC Joint PU gives a coverage as follows (length of joint in metres per 600 ml of material)

Depth of joint in mm	Width of joint in mm					
	4	6	8	10	12	20
4	37.5	25	18.7	15	12.5	7.5
6	-	16.6	12.5	10	8.3	5
8	-	-	9.4	7.5	6.2	3.7
10	-	-	-	6	5	3

Dosage and measures

PC Joint PU comes in a pre weighed packings. It is ready to apply. Please contact a Mcrete® technical representative for further advice.

Packings available

PC Joint PU is available in 600 ml packs.

Storage and Shelf life

PC Joint PU has 12 months shelf life when stored in original, cool, dry and unopened packs.

Safety Measures

1. Clean the tools and equipments using a solvent (toluene or xylene) before curing takes

place. Cured material can only be removed by mechanical means.

2. Use proper safety equipments while mixing e.g. use of safety coats, safety goggles, gloves etc. Any eye contamination should be washed immediately with clean water and immediate medical attention sought.

For further information related to application and safety precautions, please contact Mcrete® technical representative.

Technical data

Aspect	Grey colored viscous paste
Shore A Hardness	25
Density	1.20 g/cc
Modulus of elongation (ISO 8339)	0.3 MPa
Skin formation time	3-6 hours
Temperature resistance	-20°C to 80°C

For further clarifications Please contact on below address

Pinjala Chemicals Pvt. Ltd.

Plot No. 172/A, Road No. 24, Phase 2

Mallapur IDA, Hyderabad-500076,

Email: info@mcrete.com, Website: www.mcrete.com

Ph no: +919985898569, 040-27158569

Pinjala Chemicals Inc.

30273 Eastridge Drive, Spring,

Texas 77386, USA

Email: info.us@mcrete.com, Website: www.mcrete.com

Ph no: 001-3136861237