



RAZON ENGINEERING COMPANY PRIVATE LIMITED

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AN ISO 9001-2008 COMPANY PU Seal 2077

PU Seal 2077 7702 is a non-sag 1-c polyurethane silane encapped sealant that suitable for automobile applications. It cures on exposure to atmospheric humidity to form a resilient elastomer. It is environmental friendly polymer. It is resistant to water, dilute acids and bases.

Features:

- Non –corrosive
- Single component system
- Good bond to variety of materials.
- Continuous air-free Sealant
- Finishing coat of paint may be applied over PU Seal 2077
- Resistant to ageing and weathering exposure

Method Of Use

Clean, the surface thoroughly. Any oil, grease, old sealant must be removed and cleaned before applying PU Seal 2077. Use masking tape to cover adjacent area that shall be sealed. This will provide a sharp and clean appearance to the joint. PU Seal 2077 does not require any primer on non-porous surfaces, however if it is to be applied on a porous surface, a trail test must be conducted. Fill the area with PU Seal 2077 by applying positive pressure, in a continuous manner. PU Seal 2077 must be tooled within 15 minutes of application, with light pressure to press the sealant into the joint and ensure contact between the sealant and all sides of the joint. The masking tape may be removed.

Applications

PU Seal 2077 is ideally suited for bonding dissimilar materials to accommodate their expansion, gap filling or gap/joints that is exposed to sunlight, heat, corrosive environments etc., Ideal for weather proofing, in the construction industry.

Storage condition & Shelf Life

Store the material in its original package between 10⁰C and 25⁰C in dry atmosphere to prevent moisture absorption and crystallization. Do not open until ready to use. Shelf life is 180 days @ 10 to 25⁰C.

Packing

300 ml in HDPE plastic cartridge/ 600 ml sausage pack

No	Product Data	
1	Appearance	Smooth paste
2	Colour	Grey
3	Flow/Sagging	Non sag
4	Specific Gravity@28 -33° C	1.24 -1.35
5	Application temperature, ° C	15 -35
6	Skin over time, @28 -33° C minutes	04 -10
7	Speed of cure@ 26 -33°C, mm/day	Minimum 2.2
8	Tensile strength, Kg/cm ²	Minimum10
9	Elongation, %	Minimum 300%
10	Hardness, Shore A	30-50
11	Tear strength, Kg/ cm	Minimum 08
12	Lap Shear strength, Kg/cm ² MS – MS	Minimum 10
13	MS – ABS	Minimum 10
14	Pressure flow@30- 32° C, seconds 2.6 mm dia, @ 3 bar	15-75
15	Glass transition temperature	- 40° C approx
16	Service Temperature	- 40° C to 80° C

THE PRODUCTS

Coatings: Rubberised Instant Waterproof Coating • White Water Proofer • Polyurethane Coating - GHF 111 • Triple Layer Polyurethane Waterproof/ Thermal Coating • Primer Coat PU SG 104 • Top Coat PU ALK – 104 • Silver Coat PU 104 • Clear PU Lacquer (gloss) • Clear PU Lacquer (matt) • Coal Tar Epoxy CTE – 110 • Coal Tar Epoxy EP-10 • Epoxy Coating EC-111 • Primer Epoxy Coating PR 111 • Silver Coating SC 203 • Epoxy Floor Coating G-78 AND M-86 • Damp Proofer • Bitumenous Japan Paint 151 • Supreme Royal Waterproof Cement Paint ARCEM 1100 • Green Chromo Oxide Epoxy Primer •

Admixture: SPRMC 808 S11 B • Super Plasticizer –IWSP (M) – 101 • Super Plasticizer –IWSP (N) – 103 • Accelerator –2080 • Integral Water Proofer • IWSP –102 • I.W.P. Powder • Intrair (A.E.A) 120N • Master Plaster MP CS 101 • Block Maker BM-10 • Rapid Grout RG –117 • Tile Master TM – 1 • Anchorex 428 • Floor Hardner • Hycrete RJ – 608 • Brick Master • Super Paver • Pipe Master • Toughcrete P109 • Gunning Admixture GS-942 • Non Shrink Grout Admixture NSG A-11

Other Products : Tile Fix # 1 • Tile Fix # 1A • Tile Fix SP # 1 • Strextra NSG 110 • Strextra - NSG 2024 • Easy Grout • Water Repellent WBWR – 2023 • Water Repellent SBWR – 5000 • Shutter Coat for Wood & Metal • Concrete Cure Coating – 111 • Concrete Cure Coating – 103 • P.A. Bound • P.A. Mortar TH – 4 • PA. Mortar EF – 1 • P.A. Mortar • Metal Protect • RZ – Polymer ED Mortar • Special Grouting System Tuffar • ADMGP – 1 • P A – Resin 651XXX • Hak Safe AL 111 • Paint Remover PR – 128 • COLGROUT Admixture CG – 101S • Rock Splitting Grout ATC-A201 • Ready Plaster • Best Plaster Putty



It is strongly recommended that site trials be conducted using site conditions and available raw materials to evaluate the product. Since site materials and conditions are beyond our control and since above suggestions and recommendations are based on our site trials and laboratory product evaluation & trials, and since methods of use at site are beyond our control. Hence, no guarantee can either be implied or enforceable