

MAX 4014 HYBRID PULASTIC

(Any Surface to Any Surface PU Adhesive)

DESCRIPTION:

MAX 4014 HYBRID PULASTIC is a high shear and tensile improved Hybrid PU based cladding adhesive to use on any construction material, screeds, renders, concrete, asphalt, wood, metal, PVC, reinforced polyester, fibre-cement, gypsum, gypsum board, gypsum panels, etc. to fix any tile on any surface. It is recommended for various kinds of natural stone i.e. marble, granite, slate etc. and total range of Tiles & Stone. Also for resin based Engineered Stone, Stone Veneer.

MAX 4014 HYBRID PULASTIC has property of no vertical slip due to high tensile and shear strength so can be recommended for interior and exterior cladding and flooring.

ADVANTAGES:

- High flexibility
- Accommodate vibrations and shock
- High bond and Non staining
- High chemical resistance
- Water and UV resistance
- Permanent bond
- Any tile & stone on any surface

RECOMMENDED FOR:

- Natural stone i.e. Granite, Marble, Kota, Slate
- Ceramic and vitrified
- Porcelain and design tile
- Glass bricks and Glass mosaics
- Quartz and handmade tile
- Composite marble and artificial tile
- Wall and floor
- Interior and exterior

TECHNICAL CHARACTERISTICS:

- Good workability, High deformability
- Excellent durability and resistant to aging
- Perfect adhesion to all surfaces used in building
- Hardens by chemical reaction without shrinkage (until it becomes highly resistant)
- Resistance to temperature: -40°C to +100°C

Compiles to : IS 15477 : 2019 Type 5
 IS 15477: 2004 Type 5'T'
 EN 12004 / ISO 13007: R2TE

Coverage: 4 to 5 Sq. Ft. per Kg.

	Part A	Part B
Consistency:	paste	paste
Colour:	off white	White
Density (g/cm ³):	1.56	0.93
Dry solids content (%):	100	100
Density of mix (kg/m ³):	1520	
Pot life:	30-40 minutes	

Application temperature range: +10°C to +30°C

Open time (according to EN 1346): 50 minutes

Adjustability time: 70 minutes

Setting time – initial: 6 hours
 – final: 8 hours

Set to light foot traffic: 12 hours

Ready for use: 7 days

FINAL PERFORMANCE

Shear adhesion strength according to IS 15477 (N/mm²):

	Minimum requirement	Performance
Dry Condition	6	Test Exceeded
Heat Ageing Condition	3	Test Exceeded

Tensile adhesion strength according to IS 15477 (N/mm²):

	Minimum requirement	Performance
Dry Condition	2	Test Exceeded

HOW TO MIX & APPLY:

MAX 4014 HYBRID PULASTIC is prepared by mixing together part A and B from the bottom upwards, using a low – rev (=100/min.) helicoidal agitator, respecting the ratio of 5.25:1 of the packs.

Total Pack	Resin Part A	Hardener Part B
5kg	4.20 kg	0.80 kg
8kg	6.72 kg	1.28 kg



The ratio of the resin (Part A) and the hardener (Part B) is fixed and any modification could cause incorrect hardening of the product.

Pour part B into the bucket containing Part A, being careful to mix two parts uniformly until a smooth, homogeneous paste obtained Surface where, tile to be fixed - must be dry, in line and level and well cured.

Use appropriate notched trowel Fix stone/tile with care of total background of tile/stone made contact with adhesive. Maintain line and level with pushing and pressing tile/stone left to right, up and down.

Use the mix within 30-40 minutes of mixing.

PRECAUTIONS:

- Do not use on very damp surfaces or where there is a risk of rising dampness.
- The packs are pre-measured, therefore mixing errors are impossible. Do not use partial quantities. A wrong mixing ratio could cause damage during the curing process.
- Use the products in temperatures between +10°C and +30°C.

Packing:

5 Kg & 8 Kg Bucket

STORAGE & LIFE:

Best before one years from the date manufacture when in sealed pack and stored in cool & dry place in unopened condition away from direct sunlight.

HEALTH & SAFETY:

- Avoid contact with skin and eyes.
- In case of contact with skin, rinse with clean water and then clean with soft water
- In case of contact with eyes, rinse immediately with clean water and seek medical advice.
- Wear suitable protective clothing, gloves, eyes protection equipment during the application.

TECHNICAL INFORMATION & SERVICES:

Further information and advice, including practical demonstration are freely available with the Technical Service Department of **SEMITRONE CONCHEM PVT LTD - AHMEDABAD.**

DISCLAIMER: The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results.



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