Polyprime PS

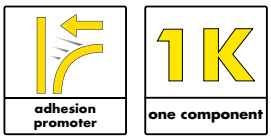
Primer for porous joints

Seals the joint surface and increase the adhesion with the joint sealant.

PRODUCT CONFORMITY
DUBAI GREEN BUILDING REGULATIONS
Certificate No. CL170204601

CHARACTERISTICS

- Strengthens the adhesion of joint sealants to porous surfaces such as concrete, cement brickwork, gypsum board, timber and stone
- Stabilizes and seals joint surface particularly in harsh environments such as areas subjected to heavy traffic, saline water, fuel or oil spillage areas



DESCRIPTION

Polyprime PS is a single component solvent based adhesion promoting primer for movement and control joints in porous substrates like concrete, block work, asbestos and timber. The primer forms a chemical bridge between the concrete surface and the sealant which is applied into the joint.

FIELDS OF APPLICATION

- concrete & mortar
- brick work
- asbestos
- timber

APPLICATION INSTRUCTIONS

Joint preparation

The joint surface must be clean, dry and free from oil, loose particles, cement laitance and other contaminants which may affect the adhesion. A thorough wire brushing, grinding, sand blasting or solvent cleaning may be required to expose a clean and sound substrate. On painted surfaces all loosely adhering paint must be removed (contamination will reduce the strength of the bond), if in doubt remove all previous decorations. To optimize adhesion of both the primer and the sealant, remove all round or sharp edges and corners. Ensure that the surface is absolutely dry before the primer is applied.

Application

Polyprime PS shall be applied to clean, dry surface prior to the installation of backer rod or bond breaking tape. Polyprime PS can be applied by a brush in one thin and uniform coat. The sealant shall be applied only after the primer becomes tackfree. A recoat of the primer is required to be applied on the surfaces if the sealant application gets delayed by more than 3 hours after application of the primer. For obtaining a clean and neat finish, masking tape shall be applied on both the edges of the groove before applying the primer and shall be removed once the sealant installation is complete.

CLEANING

Clean all tools with Polysolvent immediately after use. Hardened materials can be removed mechanically only.

COVERAGE

Depth [mm]	Width [mm]				
	10	15	20	25	30
10	250	225	200		
15		175	150	140	130
20			130	120	110
25				100	95
30					80

Linear meter of joint per litre of primer:

 # Calculation based on theoretical coverage. Actual material consumption at site will vary depending on the wastage.

STORAGE & SHELF LIFE

Store in a cool, dry place and keep away from all sources of heat and sunlight. In tropical climates, store in air condition rooms. The shelf life is up to 12 months in un-opened conditions and if stored as per recommendations. Excessive exposure to sunlight, humidity and UV will result in the deterioration of the quality of the product and reduce its shelf life.

HEALTH & SAFETY

Highly flammable liquid. Do not apply near smoke or naked flame. In case of fire, extinguish with carbon dioxide, dry chemical or foam fire extinguisher. Due to the presence of solvents, ensure adequate ventilation is provided in the workplace. As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles should be worn. 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. Ensure the container is available for the medical attendant to examine any relevant instructions and content details.

TECHNICAL SPECIFICATION

PROPERTIES	VALUES	TEST STANDARDS
Appearance	Viscous clear liquid	-
Density, [g/cc]	0.95±0.05	ASTM D 1475
Drying time, [minutes]	Approx.30	-
Application temperature, [°C]	5 to 40	-

All values given are subject to 5-10% tolerance

SUPPLY

Polyprime PS	1L

Henkel Polybit Industries Ltd.; PO Box: 293, Umm Al Quwain, UAE
Tel:+971(6)76 70 777; Fax:+971(6)76 70 197; henkelpolybit@henkel.com
Henkel Polybit Industries Ltd.; PO Box: 5911, Dammam-31432, KSA
Tel:+96613808 4061 / 62, Fax: +966 13 812 1164; polybitdammam@henkel.com
www.henkelpolybit.com