



THE STRESS FREE BONDING



Proudly made in India

TECHNICAL DATA SHEET

ESSRBOND PP 110

SR3/TDS/017, Date : NOV - 2019

(Primer for Porous Joints / Surface)

DESCRIPTION

ESSRBOND PP 110 is a single component solvent based adhesion promoting primer for movement and control joints in porous substrates like concrete, block work, gypsum board and timber. The primer forms a chemical bridge between the concrete surface and the sealant which is applied into the joint.

FEATURES

- ◆ Strengthens the adhesion of joint sealant to porous surfaces such as cement, brickwork, gypsum board, timber and stone.
- ◆ Single component.
- ◆ Easy to apply

TECHNICAL PROPERTIES

PROPERTIES	RESULTS
Appearance	Clear liquid
Density [g/cc]	0.9 ± 0.05
Drying Time [min]	20 min Approx.
Application Temperature [C]	5°C to 50°C

APPLICATION INSTRUCTION

JOINT PREPARATION

The joint surface must be clean, dry, free from oil, loose particles, cement 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 surface all loosely adhering paint must be removed if in doubt remove all previous decorations. To optimize adhesion of both primer and sealant, remove all round or sharp edges and corners. Ensure that surface is absolutely dry before the primer is applied.

APPLICATION

ESSRBOND PP 110 be applied to clean, dry surface prior to the installation of backer rod or bond breaking tape. ESSRBOND PP 110 can be applied by brush in one thin and uniform coat. The sealant shall be applied only after the primer becomes tack free. A re coat of the primer is required to be applied on the surfaces if the sealant application gets delay 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.

HEALTH & SAFETY

Highly flammable liquid. Do not apply near smoke or naked flame. As with all chemical products, caution should always be exercised, avoid eye & skin contact.



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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 non-porous primer
Calculation based on theoretical coverage. Actual material consumption at site will vary depending on the wastage.



STANDARDS

ESSRBOND PP 110 is Manufactured under

- ♦ ISO 9001
- ♦ ISO 14001

CLEANING

Clean all tools with solvent immediately after use. Hardened material can be removed mechanically only.

STORAGE

Store in a cool, dry place. Away from direct sunlight and moisture. Storage temperature to be below and 30°C.

SHELF LIFE

12 months from date of manufacturing in unopened conditions.

PACKING

ESSRBOND PP 110 is Packed In 250 ml, and 1 Ltr.

NOTE

The company's products are sold subject to the Company's standard terms and conditions of sale. Products are warranted against defective materials and workmanship. The company makes every effort to ensure that all the information, recommendations or the specifications provided by it are accurate and true. However as the company has no control over the conditions of use, it cannot accept any liability, either directly or indirectly regarding the usage of its products. Product specifications are subject to change without prior intimation to users as the products are being continuously upgraded.

