



EUCOLASTIC 1NS

SINGLE-COMPONENT, POLYURETHANE HYBRID SEALANT

DESCRIPTION

EUCOLASTIC 1NS is a single-component, non-sag, low-modulus, moisture-cure, polyurethane hybrid joint sealant. Eucolastic 1NS is formulated with a unique silane-terminated polyurethane polymer, that provides unequalled performance against stand-alone polyurethane sealants. Eucolastic 1NS is an extremely durable sealant in dynamic joints, offering persistent adhesion once fully cured.

PRIMARY APPLICATIONS

- Concrete control & expansion joints
- Precast concrete panels
- EIFS
- Window & door perimeters
- Masonry
- Interior and exterior applications

FEATURES/BENEFITS

- Skins rapidly and is tack-free in 3 to 4 hours @ 24°C
- Remains adhesively and cohesively bonded during temperature cyclic movement
- Extraordinary movement capability of +/- 35%
- Can be painted

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions @24°C:

PROPERTY	RESULT
Rheology ASTM C 639	Non-sag thixotropic pasteon
Extrusion Rate ASTM C 1183	93.1 ml/min.
Hardness, Shore A ASTM C 661	35
Movement Capability	+/- 35%
Skin Time	30 min
Tack Free Time ASTM C 679	3-4 hr.
Adhesion-in-Peel ASTM C 794	Concrete 18-22 Pli (31.5-38.5 N/cm) No adhesion loss
Stain & Color Change ASTM C 510	No stain/No visible color change
Effects of Accelerated Aging ASTM C 793	Pass

Appearance: Eucolastic 1NS is a single-component sealant available in the following colors: Black, Bronze, Gray, Limestone, Stone, and White.

PACKAGING/YIELD

Eucolastic 1NS is available in 600ml sausages. Our Cartridge will cover 48 linear feet (7.3m) in a 1/4" * 1/4" (6mm * 6mm) joint

