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NP1 CONSTRUCTION SEALANT

NP1 Construction Sealant is a single-component, high-modulus, Silane Modified Polymer (SMP) based sealant and adhesive that cures with atmospheric moisture.

TECHNICAL DATE SHEET:

Curing system	By humidity in the air
Skin formation time (23°C and 50% R.H)	30min
Curing speed (23°C and 50% R.H)	2.5mm / 24h
Density	1.45 g/cm3 ± 0.02
Shore A hardness (DIN 53505)	45±5
Elastic recovery (ISO 7389)	≥70
Joint movement capability (ISO 11600)	±25%
Modulus at 100% elongation (DIN 53504)	2.10 N/mm2
Elongation at break (DIN 53504)	470%
Processing temperature	(+5) – (+40)°C
Temperature resistant	(-40) – (+90) °C

APPLICATION AREA

- Construction materials include aluminum, galvanized and stainless steel, zinc, copper, HPL panels, glass, various synthetic materials, and natural stones. For indoor and outdoor flooring applications.
- As a general-purpose adhesive for sealing horizontal and vertical moving joints, suitable for joints up to 50mm wide. Used in in air conditioning installations, in areas such as verandas, bathrooms and kitchens, in cracks and joints, and in bonding and sealing.
- Between frame and wall, in the installation of door and window frames, on interior facades and in shops, and in every area where elasticity is important.For sound insulation between concrete and drainage pipes.
- Bonding and insulation of baseboards, steps, door thresholds, protective profiles, prefabricated elements, and fixing of covers.

Storage

12 months under dry condition, below 27℃

Package

290ML, 600ML

Colors

Black,White, Gray,Clear or any color as customers requirement.