

#### COMPANY INFORMATION

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#### PRODUCT NAME

ABC HYBRID SEALANT

#### DESCRIPTION

**ABC Hybrid Sealant** is a multi-purpose sealant that has all the benefits of a PU sealant and more. It is a high modulus, neutral cure and flexible sealant that cures at room temperature. Its excellent primerless adhesion makes it suitable for sealing a wide range of construction materials (e.g. concrete, metal, bricks, glass, plastic, wood, granite & other mineral-based substrates).

#### CLASSIFICATION STANDARD

✓ ISO 11600 F-25HM Int'l. Organization for Standardization

#### USES

- Fixation where sealant flexibility is required
- Stress-relieving bonding and fixation of profiles, mirrors, etc.
- Sealing construction & expansion joints
- Crack-free sealing of joints that are subsequently painted.

#### ADVANTAGES

- ✓ UV & weather resistant
- ✓ Mold resistant
- ✓ Paintable after 24 hours
- ✓ Strong adhesion to most substrates
- ✓ 2-in-1 adhesive & sealant
- ✓ Rapid curing
- ✓ Non-corrosive
- ✓ Non-bleeding
- ✓ Non-staining
- ✓ Non-sagging
- ✓ Tack-free
- ✓ Highly elastic after curing
- ✓ Excellent tooling properties
- ✓ Almost odorless
- ✓ Solvent-free
- ✓ Isocyanate-free
- ✓ Phthalate-free
- ✓ Free of dibutyl tin compounds
- ✓ Eco-friendly: Low VOC levels



- ✓ Easy to process from +5°C to +40°C
- ✓ Stable at temp. from -40°C to +80°C
- ✓ Highly resistant to mineral oils, acid, solvents & alkalis

#### COLORS

Gray & White

#### TECHNICAL DATA

Specification Data	Value
Extrusion rate	15 - 30g/10s
Skin forming time at 23°C / 50% RH	20 - 40 min.
Appearance	positive

#### Uncured

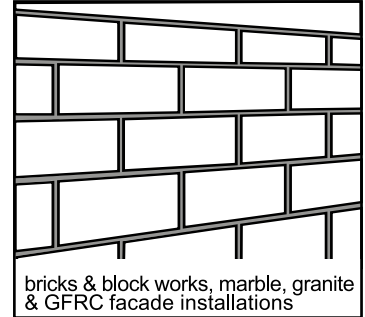
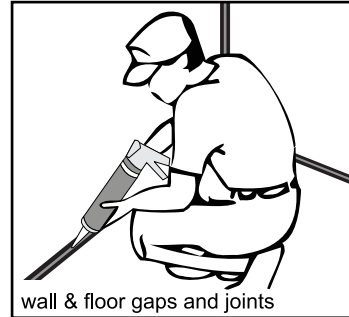
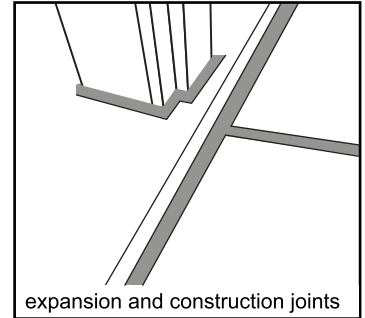
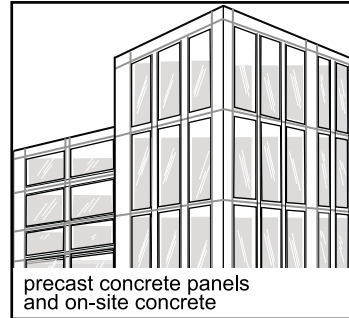
Properties	Inspection Data	Value
Density		1.4 g/cm <sup>3</sup>
Consistency	ISO 7390	non-sag

#### Cured (14 days at 23°C/50% relative humidity)

Properties	Inspection Data	Value
Tensile strength	ISO 37 - rod 1	2.2 N/mm <sup>2</sup>
Elongation at break	ISO 37 - rod 1	600%
Modulus at 100% elongation	ISO 37 - rod 1	0.7 N/mm <sup>2</sup>
Hardness Shore A	ISO 868	35
Tear strength	ISO 34 - C	12 N/mm

These figures are intended as a guide only & should not be used in preparing specifications.

#### APPLICATION AREAS



#### SURFACE PREPARATION

The surface that will be in contact with the sealant must be clean, dry and free of paint & other contaminants such as dirt, dust, rust, loose material, oils & chemicals. Non-porous substrates should be cleaned with a solvent and a clean, dry lint-free cotton cloth. Remove residual solvent using a new cloth before it evaporates.

💡 **TIP:** Protect surrounding areas with masking tape to ensure a clean and professional application. Remove tape before sealant dries.



#### APPLICATION

1. Use a standard caulk gun to dispense the sealant. Hold the caulk gun at a 45° angle while pulling the gun towards your self.
2. Tool immediately using a spatula or wet your finger with soapy water to further push the sealant into the gap and to smoothen out the seam. Sealant will begin to skin on the exposed surface after 20 - 40 minutes and curing will progress inward.

💡 **TIP:** For areas with very deep joints: Use foam backer rods which will control the depth of the sealant and ensure good bonding.

**Note:** Remove excess sealant from surface with knife or spatula. Depending on humidity and temperature, applied sealant is touch dry after approx. 20 - 40 minutes.

⚠️ **Protect from water exposure for at least 4 hours after application.**

#### COVERAGE

**300ml = 12 linear meters** (approx.)  
Calculation is based on 5mm width x 5mm depth application.

#### PACKAGING

300ml plastic cartridge

#### STORAGE & SHELF LIFE

When stored in a cool dry place and in its original unopened packaging, ABC Hybrid Sealant will remain usable one year from date of manufacture.

#### WARRANTY

Due to variety of applications, different working methods and the various properties of bases, we cannot assume responsibility or liability with regard to the application of our products. Our guarantee and liability are restricted to the quality of our products at the time of acceptance of the customer of such products. In no case shall our liability extend beyond replacement of defective products, if any, found at the time of acceptance. For all deliveries and services, our General Sales Condition including warranties stipulated for each case are valid.

