



ANBI 32 - 17

Acrylic Acoustic Sealant - Siliconized Duct Seal D3217

ANBI 32 - 17 - Sealant is a water based general-purpose, paintable sealant that is used for caulking, grouting, jointing, acoustic assemblies and embedding in building construction. It is easy to apply and compatible with most materials used in construction e.g. concrete, wood, brick, natural and artificial stone, metal, and sanitary ware. Optimus Acrylic is flexible and resists cracking, giving a smooth finish that is suitable for interior and exterior use.

PROPERTIES

- Over paintable in one hour
- Flexible with low VOC
- Excellent airborne sound insulation properties.
- Provides a smooth finish
- Water based and non-toxic
- Complies the standard BS3712

FIELD OF APPLICATION

ANBI 32 - 17 Acrylic Sealant is ideal for sealing low movement joints, as a flexible crack filler before painting jobs, for sealing construction frameworks e.g. between window and door frames and walls: Suitable for Duct Seal Joints, acoustic assemblies also suitable as an adhesive for bonding. If there is any uncertainty regarding the application, adhesion tests should be carried out.

LIMITATION

- Not to be used where high movement accommodations is needed.
- Not to be used on oily, bituminous substrates, rubber or materials that may bleed oils, plasticizers, or solvents.
- Not recommended for use in floor joints, as a glass sealant, or joints subject to continuous water immersion.
- When using mastic acrylic do not expose to water or rain for at least 24 hours.
- Will not adhere to some plastics such as polyethylene, polypropylene, and Teflon.
- Not sandable.

METHOD OF APPLICATION

SAFETY INSTRUCTIONS

ANBI 32 - 17 Acrylic Sealant is non-toxic. Avoid contact with eyes. In the event of skin or eye contact, rinse thoroughly and immediately with water. Seek medical assistance if irritation or discomfort persists. Keep out of reach of small children! Refer to our Safety Data Sheet for further toxicological information and comprehensive handling instructions.



SURFACE PREPARATION

Surfaces to be bonded must be clean, structurally sound, dry, and free from dust, dirt, oil, rust, and loose material. Non-porous substrates such as metals should be degreased with a solvent. Poor surface preparation may result in the delamination of the sealant. Gaps exceeding 5mm should be filled with backing material before application. Remove excess acrylic sealant and clean tools immediately after application, using soapy water. Cured acrylic sealant can be removed mechanically i.e. with a sharp knife.

PACKAGING

ANBI 32 - 17 is available in 280ml cartridge.

Customized Bulk packing upon request.

HEALTH & SAFETY

Protective clothing such as gloves and goggles should be worn while applying **ANBI 32 - 17**. In case the material splashes to the skin or eyes wash the same with fresh water immediately.

In critical cases seek medical assistance.

STORAGE & SHELF LIFE

ANBI 32 - 17 cartridge should always be stored in dry and covered areas. The product should not be exposed to direct sunlight or be kept near any source of heat. Store indoors at 25°C.

The product Shelf life is up to 24 months when stored as per the recommended storage conditions.

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The product Shelf life is up to 15-18 months when stored as per the recommended storage conditions.

TECHNICAL SPECIFICATION

PRODUCT CHARACTERISTICS

Type	Acrylic
Appearance	White homogenous non sag paste
Skin formation / Tack Free time	Approximately 10-12 minutes Max
pH	7.0 – 8.0
Odour	Mild
Solids (%)	Approximately 80-85
Viscosity	Thixotropic consistency
Specific gravity (DIN 53479) (ASTM D792)	1,70±0,05 g/cm ³

TYPICAL PERFORMANCE DATA

Application temperature	Min. 5°C to Max. 50°C
Coverage	Approximately 20m (4 x 4 mm)
Service temperature range	-10 to 80°C
Modulus at 100% elongation [ASTM D412]	≥0.2 N/mm ²
Sound transmission classification	STC 53 - ASTM E90
Elongation at break [ASTM D412]	≥100%
Curing time	Approximately 48 hours per 2mm (25°C, 50% RH)
Shore A hardness [ASTM D412]	30 ±2

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