

JOINT & FILLET SEAL

SOLVENT-FREE FLEXIBLE SEALANT

DESCRIPTION

ATA Joint & Fillet Seal is a low modulus, flexible sealant based on solvent free and nonhazardous SMP technology. Displaying outstanding adhesion and high joint movement capability, **ATA Joint & Fillet Seal** is suitable for a broad range sealing, bondbreaker and joint filling applications.

Available in grey.

Available in boxes of 20x 600ml sausages.



FEATURES & BENEFITS

- MOVEMENT UP TO +/- 25%
- NON-SLUMP
- SOLVENT & ISOCYANATE FREE
- LOW ODOUR & NON-CORROSIVE
- PAINTABLE

SUBSTRATES

- CONCRETE
- MASONRY
- FIBRE CEMENT SHEET
- ALUMINIUM
- PLASTERBOARD

Important: Always test the adhesion and compatibility of the sealant over a typical area to ensure the required bond is achieved. Contact ATA Technical Department for advice on suitability over surfaces not listed above.

PROPERTIES

APPEARANCE	THIXOTROPIC
COLOUR	GREY
CURING METHOD	MOISTURE CURING
SAG/SLUMP @ 23°C 50% RH	NIL
MOVEMENT CAPABILITY	+/- 25%
SHELF LIFE	9 MONTHS @ BELOW 28°C
PACKAGING	600ml SAUSAGE
SHORE A HARDNESS (ASTM D2240)	30
SPECIFIC GRAVITY	1.6g/ml
SKIN TIME @ 20°C 50% RH	35 MINUTES
CURE DEPTH @ 25°C 50% RH	2.5mm/24 HOURS
TACK FREE TIME	60 MINUTES
APPLICATION TEMP.	5°C TO 40°C
ELONGATION AT BREAK	300%
TENSILE STRENGTH	0.7n/mm ²

SURFACE PREPARATION

All surfaces must be clean, dry, and free from loose material, dirt, dust, oils, rust, and general contaminants that may affect the adhesion of the sealant. Remove oil or grease residues from surfaces using a non-oil based solvent cleaner.

INSTALLATION

- ATA Joint & Fillet Seal can be applied using a hand operated sausage caulking gun
- Fit the caulking gun with the nozzle and cut to the required bead size
- Insert the sausage into the caulking gun
- Hold the caulking gun at a 45° angle with the nozzle in contact with both sides of the joint
- Dispense the sealant firmly into the joint and against joint surfaces to ensure good contact
- Tool off sealant to a concave profile before skin forms to eliminate air bubbles and secure sealant into the joint
- Tool off using a mild soapy solution or suitable tooling solution. Remove excess sealant immediately with a cloth dampened with mineral turpentine or suitable solvent

PAINTABILITY

ATA Joint & Fillet Seal can be painted after fully cured. Avoid using solvent based paints/coatings. Some coatings may crack or craze due to environmental movement. It is always recommended to conduct field tests to ensure compatibility with the desired coating.

CURING

Cure times are dependent on temperature, humidity, sealant depth and substrate. The product will typically form skin in one hour and take up to seven days to fully cure.

CLEANING

- Excess sealant can be removed immediately with mineral turpentine or suitable solvent
- Cured sealant can be removed by trimming with a sharp blade

SHELF LIFE/STORAGE

- Store in a cool, dry place away from direct sunlight
- Best stored in conditions under 28°C
- Shelf life is 9 months from date of manufacture when stored in accordance with the above recommendations

PRECAUTIONS & LIMITATIONS

- Not recommended for fully submerged joints or immersed applications
- Do not apply when surface or ambient temperatures are below 5°C or above 40°C

SAFETY

For information and advice on the safe handling, first aid, storage and disposal of chemical products, users must refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

WARRANTY STATEMENT

ATA guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specification.

We certify that this product is suitable for use when fully cured and will perform as described in our technical data sheet or other published materials.

ATA will replace the product free of charge when purchased from any legally verifiable source and where the product is proven to have been stored, handled, and installed according to instructions published on our packaging and within the stated shelf life. The installation of all materials must be carried out in accordance with relevant Australian Standards.

Warranty doesn't apply if damage, loss, failure to follow instructions, or other circumstances are out of our control.

Sufficient time and access to investigate any complaint must be accorded to ATA.

The consumer is responsible for any expenses incurred in making a claim.

Conditions of Sale contain a limited warranty against manufacturing defects.

A claim form can be requested by email or phone.

CONTACT DETAILS

Sales: customerservice@ata.com.au

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Technical: team@ata.com.au

0427 402 549

Other Enquiries: admin@ata.com.au

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