

ADSEAL GT 1600
Hybrid gutter sealant**DESCRIPTION**

ADSEAL GT 1600 is a sealant based on a hybrid mono-component technology, especially formulated for sealing gutters. The product shows very good stability and excellent adherence. It offers a quick vulcanisation and an excellent setting even in a humid environment.

ADSEAL GT 1600 vulcanises at ambient temperature and humidity to form a supple product permanently.

SPECIAL FEATURES

- Solvent free
- Isocyanate free
- Phthalate free
- Odorless
- Easy to apply in temperatures from -20°C to 40°C (1°F to 104°F)
- Stable in temperatures from -40°C to 100°C (-40°F to 212 °F)
- Hardens quickly
- Very elastic after vulcanization
- Non-corrosive
- Can be painted
- Excellent UV resistance and very long-lasting
- Can be used on numerous surfaces, even without primer
- Resistant to bad weather, solvents, mineral oils, acids and alkalis

SPECIFICATION

- Meets the standard ASTM C920, N, NS, Use NT, A, G, M, O

LIMITATIONS

- Not for joints in permanent immersion
- Not for applications where the sealant is encapsulated and not in touch with surrounding humidity
- Avoid contact with products that are very acidic or alkaline
- Not for horizontal joints in traffic areas
- Not for joints smaller than 1/4" (6 mm) of width and depth
- When ADSEAL GT 1600 is painted, it is possible for the paint to crack if the sealant is more elastic than the paint.

ADSEAL GT 1600 Hybrid gutter sealant

PHYSICAL PROPERTIES

Uncured	
Consistency	paste
Color	White (1602)
Density (ASTM D1475)	1.27 g/ml
C.O.V. ((INRD-040)	18.22 g/L
Extrusion rate (20 psi/diameter 5mm)	140 – 250 g/minute
Tack Free Time	10 – 30 minutes at 23°C (73°F) 50% r.h.

Cured	
Hardness (Shore A)	28 – 38
Elongation at break (ASTM D412)	536%
Ultimate tensile strength (ASTM D412)	190 psi
Shear strength on wood (ASTM C961)	108 psi
Shear strength on aluminium (ASTM C961)	70 psi

SURFACE PREPARATION

Materials must be free of dust, greasy substances and other contaminants. Clean surfaces with ADSEAL CLEANER 6003. Let evaporate for 20 minutes before applying ADSEAL GT 1600.

METHOD OF USE

ADSEAL GT 1600 can be easily applied with a manual, pneumatic or electric caulking gun. ADSEAL GT 1600 must be shaped before skin formation with the ADSEAL TOOLING KIT. A solution of 5% clear dishwashing liquid and 95% water can be used to facilitate shaping. Avoid using too much of the soapy solution, as it could have a negative impact on adhesion. The uncured product can be cleaned with a solvent, like mineral spirit. The contact surface with the joint must be of at least 1/4".

TEMPERATURE APPLICATION

Sealants from the ADSEAL product line can be applied throughout the year, even in winter, unlike organic sealants such as polyurethanes, thermoplastics or any solvent-based adhesives or sealants. Never apply sealant in weather conditions where condensation or precipitation exists such as rainfall, freezing rain, snow or intense fog. Make sure the surface is free of frost. The temperature of the sealant must be the same as the substrates. Avoid applying a warm sealant to a cold surface. The lower the temperature, the longer the sealant will take to cure.

***** Beware of large fluctuations in temperature especially below freezing point. For example, when temperatures reach well below freezing point in a short period of time, the substrates may have a large elongation/compression movement. The sealant will not have enough time to form a fairly thick skin, which in**

ADSEAL GT 1600
Hybrid gutter sealant

some cases, may cause a breakage or wrinkling at the joint. If such phenomenon occurs, proceed with an adhesion test.

PACKAGING

- 304 ml cartridge

STORAGE

Store in closed original packaging stored in dry premises at a temperature lower than 25°C (77°F). Expiration date is indicated on each container. Storage beyond the date specified on the container does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality insurance reasons. Contact our technical service.

CAUTION

Please refer to the Safety Data Sheet (SDS) before use. Follow the usual rules of hygiene. Always test the product on the receiving application before applying to a larger area. For industrial use only. For more information, please contact your technical representative.

IMPORTANT**READ CAREFULLY**

The information and recommendations contained herein are derived from our research and information from other reliable sources. This data applies only to our products and not when used with other products. We believe in the reliability of our information. However, no guarantee is offered to that effect. It is the responsibility of the buyer to verify this data according to their own operating conditions to ensure that they conform to the purpose for which the product is intended, even before using it.

THE WARRANTY OFFERED BY ADFAST SHALL BE LIMITED TO THE REPLACEMENT OR REIMBURSEMENT OF THE PRODUCT IF THEY HAVE BEEN DEFECTIVE. NO OTHER IMPLIED OR EXPRESS WARRANTY APPLIES. ADFAST DISCLAIMS ANY OTHER LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.