

# PRODUCT DATA SHEET

## TRUSTBOND A300 PRO GREY TAPE 100mmX10mtr

### High Adhesion Butyl Aluminium Sealing Tape

#### DESCRIPTION

TRUSTBOND A300 PRO is a self-adhesive sealing tape made from premium butyl rubber and reinforced with an aluminium film. It provides strong adhesion, excellent waterproofing, and durable protection for sealing joints and surfaces.

#### USES

- The Product is used for repairing, protecting, and sealing:
- Roofs, including sheet metal work
- Facade elements
- Roof tiles
- Roof gutters
- Chimneys and roof lights
- Caravans and trailers
- Office containers
- Various types of ductwork

#### CHARACTERISTICS / ADVANTAGES

- Quick and easy application with self-adhesive backing
- Suitable for use at low temperatures
- Performs across a wide temperature range
- Excellent adhesion to various construction surfaces
- Strong resistance to weather conditions
- Maintains dimensional stability even under heat exposure
- Highly resistant to continuous UV exposure
- Compatible with most standard paints

#### PRODUCT INFORMATION

Chemical base	Butyl rubber compound		
Packaging	Length per roll	Tape width	Rolls per box
	10 m	100 mm	12
	10 m	150 mm	6

Please refer to the current price list for available packaging options.

Shelf life	24 months from date of production
Storage conditions	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +25 °C. Always refer to packaging. Refer to the current Safety Data Sheet for information on safe handling and storage.
Thickness	Overall thickness (including aluminium film): 1.2 mm
Peel Adhesion to Steel	≥ 30 N / inch

## TECHNICAL INFORMATION

<b>Tensile strength</b>	Longitudinally	≥ 270 N/50 mm
	Transversally	≥ 270 N/50 mm
<b>Elongation at break</b>	Longitudinally	≥ 30 %
	Transversally	≥ 35 %
<b>Service temperature</b>	Maximum	+80 °C
	Minimum	-10 °C
<b>Resistance to UV exposure</b>	The film provides the UV resistance	

## APPLICATION INFORMATION

<b>Ambient air temperature</b>	Maximum	+40 °C
	Minimum	+5 °C
<b>Substrate temperature</b>	Maximum	+40 °C
	Minimum	+5 °C

## BASIS OF PRODUCT DATA

All technical values mentioned in this Product Data Sheet are derived from controlled laboratory testing. Actual results may differ depending on site conditions, application methods, and other factors beyond our control.

## ECOLOGY, HEALTH AND SAFETY

This product is classified as an article under Article 3 of Regulation (EC) No. 1907/2006 (REACH).

Under normal and reasonably foreseeable conditions of use, it is not intended to release any substances. Therefore, a Safety Data Sheet in accordance with Article 31 of the same regulation is not required for marketing, transportation, or usage of this product.

For safe handling and application, users should follow the guidelines provided in this Product Data Sheet.

To the best of our current knowledge, the product does not contain any SVHC (Substances of Very High Concern) listed in Annex XIV of the REACH Regulation or included in the Candidate List published by the European Chemicals Agency in concentrations exceeding 0.1% (w/w).

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

#### **IMPORTANT – Possible Discolouration**

Certain substrates such as natural stone, coated surfaces, and plastics may experience surface discolouration due to the chemical composition of the tape.

1. Do not apply the tape on natural stone surfaces.
2. Always conduct a compatibility test when applying on plastic or coated substrates before proceeding with full application.

The substrate must be structurally sound, clean, dry, and free from dust, oil, grease, laitance, previous sealants, or any weak coatings that may negatively impact adhesion performance.

The surface should also have adequate strength to withstand stresses generated by thermal movement or structural expansion.

Mechanical preparation methods such as wire brushing, grinding, or grit blasting should be used where necessary to eliminate loose or weak material.

1. Remove all dust and friable particles thoroughly before application.
2. Ensure the surface is completely clean prior to bonding.

The product typically adheres well to most dry and solid substrates without the need for primer. However, in challenging conditions, a suitable primer may be applied to enhance adhesion.

### NON-POROUS SUBSTRATES

Clean the surface thoroughly using an appropriate surface cleaner and a lint-free cloth.

1. Allow a flash-off period of at least 15 minutes (not exceeding 6 hours).
2. Apply the tape after the surface is completely dry.

### POROUS SUBSTRATES

For concrete, aerated blocks, cement plasters, mortar, and brick surfaces, gentle pre-heating is recommended to improve adhesion performance.

### APPLICATION LIMITATIONS

The tape must not be used for applications involving permanent water immersion or exposure to continuous water pressure.

### IMPORTANT – Plasticiser Migration

In certain cases, interaction with substrate materials may cause plasticiser migration, which can lead to reduced adhesion, surface staining, or tackiness.

1. A compatibility test is strongly recommended before starting the project.

### APPLICATION PROCEDURE

1. Cut the tape to the required length.
2. Ensure that overlaps between adjoining sections are at least 50 mm.
3. Remove the release liner carefully.
4. Press the tape firmly onto the surface using a hard roller or appropriate application tool to ensure full contact.

## APPLICATION IMPORTANT

### Reduced Adhesion Due to Damp Substrates

Moist or damp porous surfaces may allow water to penetrate beneath the tape, which can negatively affect adhesion.

Ensure all substrates are completely dry before applying the product.

## IMPORTANT

### Reduced Adhesion During Overhead Application Above +25°C

Applying the tape overhead in temperatures above +25°C may reduce its bonding strength.

Avoid overhead applications when the service temperature exceeds +25°C.

## IMPORTANT

### Reduced Adhesion Due to Water Immersion or Pressure

Continuous water immersion or exposure to water pressure may weaken the adhesive performance.

Do not use the tape in areas subject to permanent water immersion or sustained water pressure.

1. Do not use for applications that are permanently immersed in water or exposed to water pressure.

## IMPORTANT

### Reduced adhesion, surface discolouration, or surface tackiness due to plasticiser migration

Migration of plasticisers from the Product may cause reduced adhesion, surface discolouration, or surface tackiness.

1. Check and confirm the compatibility of the Product with the substrate before starting the project.
2. Cut the tape according to the required length.

Note: Overlaps between adjoining cuts must be  $\geq 50$  mm.

3. Remove the release film and firmly press the tape onto the substrate using a hard-wheeled roller or another suitable tool.

## Application at Low Temperatures

**Note:** Low temperatures may reduce adhesion during application.

1. Before application, warm the tape by handling it for a few minutes.
2. Prior to application, warm the substrate using a warm air blower.

## OVERPAINTING THE TAPE

The top film surface of the Product can be overpainted using most conventional water-based paint coating systems.

1. **IMPORTANT:** Do not use solvent-based paints. Always test the selected paint system with the Product before undertaking the project.

## APPLICATION AT LOW TEMPERATURES

Low ambient temperatures may temporarily reduce initial adhesion.

- Warm the tape slightly by handling it for a few minutes prior to installation.
- If required, gently warm the substrate using a hot air blower to enhance bonding performance.

## OVERPAINTING

The aluminium film surface can be coated with most standard water-based paint systems.

**IMPORTANT:** Solvent-based paints should not be used. Always perform a compatibility test before proceeding with large-scale painting.

## **CLEANING OF TOOLS**

All tools and application equipment should be cleaned immediately after use with petroleum solvent or turpentine.

Once the material has cured, it can only be removed by mechanical means.

For skin cleaning, use suitable cleaning wipes and wash thoroughly with soap and water.

## **LOCAL RESTRICTIONS**

Product performance data and recommended applications may vary depending on regional regulations. Always consult the local Product Data Sheet for country-specific information.

## **LEGAL DISCLAIMER**

The information provided in this document is based on current technical knowledge and practical experience under normal storage and application conditions. However, variations in materials, substrates, and site conditions may influence actual performance.

No warranty regarding merchantability or suitability for a specific purpose can be derived from this information. Users are responsible for verifying the product's suitability for their intended application. The manufacturer reserves the right to modify product properties without prior notice. Third-party proprietary rights must be respected. All sales are subject to the company's current terms and conditions. Users should always refer to the latest version of the Product Data Sheet.



# AtoZ Gumming Work

## **MANUFACTURED & MARKETED BY**

**ATOZ Gumming Work India Pvt. Ltd.**

Sr. No. 29/2, At Post Varale,  
Taluka Khed, District Pune – 410501  
Maharashtra, India

## **Contact:**

**Phone: +91 90497 37589**

**Email: [info@atozgummingindia.com](mailto:info@atozgummingindia.com)**

**Website: [www.atozgummingindia.com](http://www.atozgummingindia.com)**