FA2300

Double-Sided, Acrylic Foam Tape – Grey

Article no.: **FA2300AUS**
Source: DPS-1136 – 06/06/2023 – Version 00

PRODUCT DESCRIPTION

FA2300 is a grey, double sided, coated acrylic foam tape with outstanding viscoelastic and adhesion properties. This adhesive was developed for application on visual communication facades with composite aluminum (ACM), with excellent compliance and a long adhesion durability.

FA2300 has been specially developed to provide the following characteristics:

- Great conformability and stretching;
- Resistance to weathering degradation (UV and high temperature);
- Excellent performance in dynamic shear;
- Outstanding static shear adhesion;

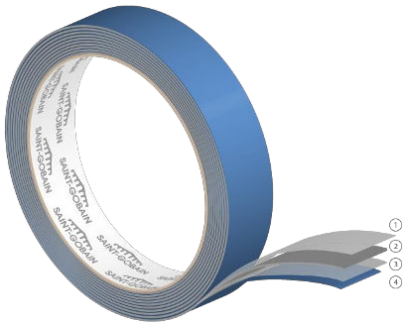
TYPICAL APPLICATIONS





- ACM facades stiffener attachment

TAPE CONSTRUCTION



Merely illustrative image

Adhesive	Acrylic adhesive
Core	Grey acrylic foam core
Adhesive	Acrylic adhesive
Liner	PP Liner

AVAILABLE SIZES

Standard thickness
2.3mm

Master roll size
750 mm x 15 metres

FA2300 – TEST DATA

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

Property	Substrate / conditions	Unit	Value
Thickness without liner	–	mm	2.3
90° Peel Adhesion[1] (72h Dwell)			
90° Peel Adhesion[1]	Aluminium	Kgf/25,4mm	41.47
90° Peel Adhesion[1]	Stainless steel	Kgf/25,4mm	44.32
90° Peel Adhesion[1]	ACM	Kgf/25,4mm	60.65
90° Peel Adhesion[1]	Glass	Kgf/25,4mm	46,21
90° Peel Adhesion[1]	PMMA	Kgf/25,4mm	47.84

Property	Substrate / conditions	Unit	Value
T-Block² (72h Dwell)			
T-Block²	Aluminium	N/cm²	78.45
Dynamic Shear³ (72h Dwell)			
Dynamic Shear³	Stainless steel	N/cm²	54,87
Dynamic Shear³	ACM	N/cm²	49.76
Static Shear⁴			
Static Shear⁴	Stainless steel	7 days/1kg	Passes and exceeds.
Static Shear⁴	ACM	7 days/1kg	Passes and exceeds.
Service temperature	–	–	(- 40°C to 120°C)
Weathering and UV resistance	–	–	High

The values above are obtained in laboratory tests using internal procedures and cannot be used as parameters for product release, since they are typical results. ¹ Based on ASTM D3330 ² Based on ASTM D897 ³ Based on ASTM D1002 ⁴ Based on ASTM D3654

IMPORTANT INSTRUCTIONS

- Because every potential application cannot be anticipated or controlled, testing of this product under individual application conditions prior to commercial use is strongly recommended.
- Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface.
- Apply a uniform pressure of 147 kPa to promote good contact between the material to be bonded and the tape. The application temperature should be between 20°C and 40°C. It is not recommended to apply these tapes at temperatures below 15°C, as the adhesive does not flow in this condition and can result in poor bonding.
- The adhesion between the substrate and the tape increases with time, typically reaching final bond strength in 72 hours. Heating the surface above 40°C will accelerate the adhesion process.
- Some surfaces might need a primer, such as PP and EPDM, or a sealant to reduce porosity. Check the available adhesion promoters in our product portfolio.

SHELF LIFE

24 months after the date of manufacture when stored in original packaging at temperatures up to 35°C and 50 % relative humidity.

The data and details in this document were correct and up-to-date at the time of printing and are intended to provide information on these products and their possible applications. It is the user's responsibility to obtain the latest version of the product data sheet. This data sheet is not a specification and does not assure specific product characteristics or make reference to the suitability of the product for a specific application. Because every application cannot be anticipated or controlled, testing of this product under individual application conditions is strongly recommended. The application, use and conversion of this product are the user's responsibility.

Limited warranty: No warranty is given beyond freedom from defects in manufacturing for a period of 6 months from the date of first sale. The only obligation will be to provide replacement product for any portion proving defective, or to refund the purchase price thereof. The user assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s).

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