

LoopPET Clearboard ASLAN CRB 91



Transparent glossy whiteboard film made from recycled polyester (at least 70%)

This self-adhesive, glossy, transparent whiteboard film is made from recycled polyester (at least 70%) and perfect for writing that is often changed. From offices to children's rooms, it transforms any smooth and/or printed surface into a communication board for use with whiteboard markers. Just apply the self-adhesive film onto a smooth surface, another, coloured film or a printed image to create your customised whiteboard. The film surface is especially scratch-resistant, guaranteeing easy, residue-free removal of writing using a soft cloth, without leaving any shadows or ghosting.

For further information or questions regarding special applications please contact our technical advisory service: **+49 2204.708-80**

Construction

Face film:	PET with special coating (70% content of post-consumer recycled polyester)	
Thickness:	~ 50 µm (~ 1.97 mil)	
Adhesive:	pressure sensitive adhesive	square quantity: ~ 40 g/m ²
Release liner:	siliconised polyester film	square weight: ~ 35 g/m ²

Characteristics

Adhesive strength (ASTM D903):	immediately: after 1 week:	~ 9.0 N/25 mm ~ 16.0 N/25 mm
Dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (158 °F) (25 x 25 cm)	max. -0,05%
Chemical resistance:	In a preece test of 24 hours the applied film is resistant to most petroleum-based oils, greases and aliphatic solvents, mild acids, alkalis and salts.	
Combustibility:	Classified to flame retardant standard DIN DIN EN 13501-1	
Temperature:	application temperature: service temperature range:	min 15 °C (59 °F) -30 °C (-22 °F) up to +80 °C (176 °F)
Durability:	Up to 5 years outdoors, with vertical exposure, in central European standard climatic conditions.	

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Processing

Application:

Dry application only.

Important:

We do not recommend a large-scaled application of whiteboard films with mounting tapes. The writable surface of the film can be damaged by taking off the tape so removability cannot be guaranteed anymore. If it is nevertheless necessary using a mounting tape, we recommend a tape with low adhesion. The tape should be taken off from the middle of the material to the edge.

At applications with other films it is important to only use high quality films (like polymeric PVC-films for example), as otherwise wrinkles may occur due to different dimensional stabilities.

During the handling of isolating materials electrostatics could not be avoided. Therefore an adequate earthing and a dust free environment are important. Increasing air humidity also helps to reduce the electrostatic charge.

To avoid that tunnelling might occur, the laminated material should only be cut face down. In case, the laminated film is rolled up for storage or transportation, this should be in the same direction of winding as it was delivered. The print must be dried out at least 48 hours before laminating.

When installing the material outdoor, care must be taken not to perforate the sign with screws. Water might run into the screw holes, which may result in a delamination of the self-adhesive film.

Usage:

For writings on the film any customary whiteboard marker can be used. For an easy cleaning a microfiber cloth must be used.

If you used by mistake inappropriate pens i.e. a permanent marker you can clean the films with alcohol or white gas for cleaning purposes without leaving any residues.

Storage:

Before application the films can be stored up to 2 years from date of production. The film must be stored at room temperature (15-25 °C / 59-77 °F) and at a relative air humidity of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either standing vertically or in a purposely designed 'hanging' racks.

To avoid tunnelling we recommend to store the material rolled tight and taped to the core.

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All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test the suitability of our products for the intended purpose.

The quality of our products is regularly examined, upgraded and developed. We take the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of our products in accordance with our latest knowledge.