



Bohle America, Inc.

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**Technical Data Sheet and Application Guidelines:
Bohle “Mirrabak” Mirror Safety Backing Film Class A (Category II)**

BO 6002549 24” x 600ft
BO 6002590 36” x 600ft
BO 6002591 48” x 600ft

DESCRIPTION

A unique composite of PE film laminated to a bi-directional 120 micron woven copolymer alloy to provide impact resistance in a shatter proofing of mirrors. It provides trouble-free application with smooth laydown. No bubbling under extreme and adverse conditions. It has excellent adhesion to the mirror backing paints in international use, whether applied by spray, curtain or roller coating techniques.

Special self-crosslinking, self-curing acrylic adhesive exhibits high initial tack, even under highly humid conditions. Adhesive strength increases with age to a truly permanent bond. Independent testing has shown the adhesive on A film to be non-contributory to copper and silver deterioration under normal ambient and when applied to paint-backed surfaces under salt spray conditions.

APPLICATIONS

Suggested for use as a safety backing on silvered float glass and fully tempered glass mirrors, when 400 foot pound test requirements must be met. Recommended for mirrored wardrobe doors, bi-fold doors, shower and tub enclosures and furniture mirrors.

APPROVED TO BSEN 12600 1B1 WINTECH TEST CERTIFICATE NUMBER AP/R14308

TECHNICAL DATA

	IMPERIAL	METRIC
<i>Adhesion</i>		
<i>Peel (PSTC#1) immediate</i>	<i>46.7 oz/inch width</i>	<i>13.2 N/2.5 cm</i>
<i>20 mins dwell</i>	<i>65.5 oz/inch width</i>	<i>18.5 N/2.5 cm</i>
<i>Shear (PSTC#7) indefinite @</i>	<i>2 psi</i>	<i>13.8 kPa</i>
<i>Elongation at break:</i>	<i>15%</i>	
<i>Tensile Strength:</i>		<i>90Kg/mm²</i>

Material : white copolymer film with bi-directional scrim
Adhesive: Acrylic, self cross linking; Resistant to moisture, high temperature. UV, chemical, oils, abrasion, ageing, mildew and fungus.

<i>Standard sizes</i>	<u><i>Article No</i></u>	<u><i>Dimension</i></u>
	<i>BO 6002549</i>	<i>24” x 600ft</i>
	<i>BO 6002590</i>	<i>36” x 600ft</i>
	<i>BO 6002591</i>	<i>48” x 600ft</i>

Designed to be pass Category II rating (Class A per ANSI Z97.1)



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Application Guidelines:

- Apply in a clean work environment, between the temperature ranges of +36°F to +90°F.
- Use adequate safety gloves, wrist protectors, safety glasses, safety apron and safety shoes.
- Make sure the back of the mirror is clean, using a suitable non-acetic, non-caustic, non abrasive cleaning product.
- Dry the area completely with a suitable lint free material that will not scratch the surface.
- Once the area is dry, measure apply the safety backing film to edge of the mirror and roll out the material using a flattening device (spatula or glazing shovel) taking care not to trap air bubbles in the material.
- Use a sharp razor blade to cut the material at the required length, taking care not to scratch the mirror backing.
- Allow to cure for 12 - 24 hours before installing.
- Use with mirror adhesives / mirror mastics: Use a razor blade to remove the safety backing to the required areas without scratching the back of the mirror. Always adhere to the adhesives manufacturer's recommendations.

NOTE:

Unless otherwise indicated, the figures above are average values and should not be treated at face value for specification purposes. The company reserves the right to products, and any changes in specification will result in a re-issue of the information sheet. Customers should satisfy themselves that the tape is suitable for their requirements whether after such modification or otherwise. Please check that you have the latest issue of the information sheet. All slitting and length tolerances are to British Standards, but other tolerances are available by request. Application guidelines are created as a guide to assist and should not be considered as suitable for all site conditions. Please take considerations into account when applying the material when applying the material.