

# DEANS AUTO GLASS MACKAY

## XIR® Heat Reflecting Laminated Glass

Heat Reflecting Laminated Glass is an exciting new addition to the Protector-Glass range. Harnessing the same technology used in the Space Shuttle and Stealth Bomber, XIR® is the new generation in laminated glass.

A Glass above the rest

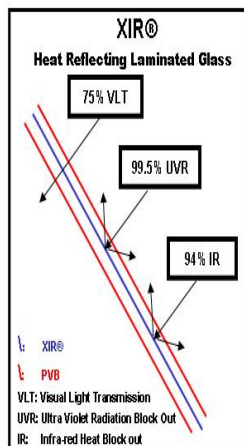
XIR®

### FACTS

XIR® is a spectrally selective film composed of multiple metal and metal oxide layers. The film is encased between two layers of Polyvinyl Butyral (PVB) and glass to make XIR® Heat Reflecting Laminated Glass.

XIR® Heat Reflecting Laminated Glass blocks out 99.5% of Ultra Violet radiation and 93% of Infra-red heat, while transmitting 75% of visible light.

XIR® Heat Reflecting Laminated Glass reduces the interior temperature of a vehicle without impairing visibility.



XIR®

### PERFORMANCE

XIR® Laminated Glass Performance Data						
Glass Type	Visible Light Transmittance (Tvis)	Visible Reflectance Exterior %	Total Solar Transmittance (TSol)	Solar Reflectance Exterior %	Relative Heat Gain Bu's / Hr / Ft2	Ultraviolet Blockage %
Clear Glass	90	9	81	8	220	30
US Standard Auto Green Tint	81	8	56	6	171	55
US Spectrally Absorbing Green	74	7	44	5	150	70
XIR® 70	70	9	46	22	117	>99
XIR® 75	75	11	52	23	135	>99

NOTE: XIR® Laminated Glass is two plies of 2.1 mm clear glass with XIR-PVB interlayer.  
Source: Southwall Technologies USA 07/01/98

**DEAN'S  
AUTOGLASS  
MACKAY**

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Dean's Autoglass Mackay provides an, emergency *24 hour, 7 days a week fully on site* glass replacement service for all you're glazing requirements no matter how big or small.

We have experience in all Hitachi, CAT, Komatsu, Terex, Atlas Copco and Liebherr machinery just to name a few as well as replacing windscreens and glass in all of your light vehicles and or trucks.

**Our expert staff have the necessary BMA /Generic Inductions and Medical requirements.**

**We will be there whenever and wherever you need us for:**

Protector-glass automotive windscreens.

Flat laminated glass. (Can be tailor made to almost any size & thickness)

XIR heat reflective laminated glass. (Can be tailor made to size & thickness)

Universal windscreen mouldings & Rubbers.

"H" section "locking key" rubbers, small, medium & large.

"S" sections "self locking" rubber. (Cat rubber)

Emergency escapes systems including: Quick release rings, tags & sticker assembly.

