



Pilkington **Optilam™** I Colour



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Pilkington **Optilam™** is produced by combining two or more sheets of glass with polyvinylbutyral (PVB) interlayers. It is this lamination that enables it to offer impact protection and safety. By varying the number of layers and thickness of the glass, it can offer many benefits and be used in various applications.

This option of laminated glass incorporates coloured interlayers, thus offering a wider choice of colours than body tinted glass for more design options. There are eight standard colours available; other non-standard options may be available on request.

### Benefits:

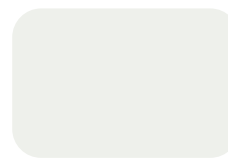
- Remains intact or breaks safely on impact to reduce the risk of serious injury
- Resists attack for longer as it remains bonded to the interlayer – specialist high performance security glass also available
- Can be used in insulating glazing units, for different combinations of benefits
- Up to Class 1(B)1 to EN 12600
- Wide range of colours available
- Reduced colour fading
- Interlayer colour is independent of glass thickness, allowing more design options



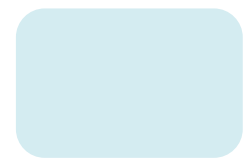
Green 3773



Grey 5042



Translucent White 3065



Ocean Blue 4071

Pilkington **Activ™** Brown 4055

Light Brown 4055



Medium Brown 6028



Dark Brown 8009

These colours are for guidance only.

### Performance Table

Description	Thickness (mm)	Light transmittance (%)	Solar radiant heat (%)			
			Direct transmittance	Reflectance	Absorptance	Total transmission
Pilkington <b>Optilam™</b> I Green 3773 6.4	6.4	71	61	6	33	70
Pilkington <b>Optilam™</b> I Grey 5042 6.4	6.4	38	40	5	55	54
Pilkington <b>Optilam™</b> I Translucent White 3065 6.4	6.4	60	52	6	42	63
Pilkington <b>Optilam™</b> I Ocean Blue 4071 6.4	6.4	74	65	6	28	73
Pilkington <b>Activ Optilam™</b> I Brown 6.4	6.4	49	46	13	40	57
Pilkington <b>Optilam™</b> I Light Brown 4055 6.4	6.4	53	48	5	46	60
Pilkington <b>Optilam™</b> I Medium Brown 6028 6.4	6.4	23	25	5	70	44
Pilkington <b>Optilam™</b> I Dark Brown 8009 6.4	6.4	8	12	4	83	34

Technical data have been determined in accordance with EN 410.

We recommend that a thermal safety check is undertaken when the product is to be used in construction of an Insulating Glass Unit.

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