

51.201N | Black Emboss 190

TOTAL PROTECT | Functional Protection Films

Features

51.201N | Black Emboss 190 is a premium quality textured polymeric vinyl which has been specifically developed for use in the automotive and recreational vehicle market as blockout, kick tread and stoneguard application. The film is applied to areas that are vulnerable to stone chipping or scratching. In particular, Black Emboss 190 is frequently used for A / B / C pillars, window profiles, wheel arches and general decoration.

51.201N | Black Emboss 190 is available in 1220mm (width) x 25m & 50m (length) rolls.

Technical & Performance Information

Film Thickness	190 micron
Adhesive Thickness	38 micron
Total Thickness	228 micron
Adhesive type	Permanent clear solvent based acrylic
Release Liner	140 gsm PE coated kraft liner
Artificial Weathering *	> 10 years
Film Tensile Strength MD	> 13,5 N/mm ²
Film Elongation MD	> 50%
Adhesion to steel (20 mins / 180°)	14 N/25mm
Adhesion to steel (24 hrs / 180°)	18 N/25mm
Dimensional Stability	< 0,5mm
Application Temperature	+8 to +25°C
Service Temperature	-40 to +90°C

* equivalent to vertical exposure in Mid-European climate

Warranty

iSee2 warrants our material for one (1) year from date of shipment. The shelf life of our material is dependent on storage conditions. We recommend that the end user stores the material in the original boxes (out of direct sunlight) from our factory. We also recommend to store our material at 21°C with 50% relative humidity. iSee2 only warrants our products to be free from defects in workmanship or defects in iSee2 material. We will replace or credit any material deemed defective. No acceptance or responsibility for loss, damage or expense implied or otherwise shall be assumed by the seller or manufacturer. User assumes all risk and liability in connection herewith. All data values quoted above are typical and should not be used to deem the product defective, if measured values are different.

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