



## 12.200 | Metallic Havana Black Total Wrap | Specialities

### Features

The 12.200 Metallic Havana Black is a 80 micron special effect cast PVC film. This Total Wrap product has been developed specifically for the vehicle wrapping market. By utilising cutting edge technology to combine the special PVC compounds together with high quality pigments, we can offer a film with incredible dimensional stability & long-term durability. Typical applications include vehicle graphics & signage projects that require an exterior service life of at least 5 years. The films are suitable for both indoor & outdoor environments.

### Technical & Performance Information

Film Thickness	80 microns
Adhesive Thickness	20 microns
Total Thickness	100 microns
Adhesive Type	Semi-permanent solvent based acrylic
Release Liner	140 gsm PE coated kraft liner
Artificial Weathering*	10 years
Film Tensile Strength MD	> 14 N/mm <sup>2</sup>
Film Elongation MD	> 70 %
Adhesion to steel (20 mins / 180°)	5 N/25mm
Adhesion to steel (24 hrs / 180°)	10 N/25mm
Dimensional Stability	< 0.3 mm
Application Temperature	+10 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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