

TECHNICAL DATA

COCKPIT WINDOWS

Embraer EMB 120 Brasilia, ERJ 135, ERJ 140, ERJ 145 and ERJ 145XR



Embraer ERJ 145

Main Windshield

Features	Benefits
Full Interchangeability with Standard Windows	<ul style="list-style-type: none"> • Reduced inventory and related costs • Ease of installation
Hump Seal Moisture Seal System	<ul style="list-style-type: none"> • Longer service life • Lower maintenance cost
Herculite® II Chemically Strengthened Glass	<ul style="list-style-type: none"> • Demonstrated reliability • Greater stiffness • Abrasion resistance • Greater residual strength • Less deflection
Aircon® Anti-ice System	<ul style="list-style-type: none"> • Proven reliability • Lower power consumption
Superior Optical Quality	<ul style="list-style-type: none"> • Safety • Enhanced visibility

Side Cockpit Window

Features	Benefits
Stretched-Acrylic Plies	<ul style="list-style-type: none"> • Lightweight • Repairable
Original Equipment Manufacturer (OEM)	<ul style="list-style-type: none"> • Latest design configuration and upgrades • Proven reliability since program inception • Approval recognized by worldwide aviation authorities

PPG Aerospace is a leading and experienced manufacturer of original-equipment and replacement cockpit windows for Embraer airplanes. PPG has been the single source of cockpit windows to Embraer and worldwide operators of the Embraer ERJ 135, ERJ 140, ERJ 145 and ERJ 145XR regional jet fleet since the first aircraft was delivered. The Embraer EMB 120 Brasilia aircraft was equipped with PPG cockpit windows during its production life, and operators are able to purchase PPG's replacement parts for them.

PPG has demonstrated success in providing glass cockpit windows to the market to meet the stringent certification requirements and performance levels demanded by worldwide operators. The PPG windshields for the EMB 120 and ERJ 135, 140, 145 and 145XR are all-glass designs to provide operators with outstanding strength, durability, improved damage tolerance and enhanced visibility. Heating uniformity for anti-icing is provided by the AIRCON® system by PPG, a proven system for glass windshields.

Operators know they can count on PPG Aerospace for transparencies that provide significant value because of their reduced life-cycle cost as a result of their exceptional service life.

SURFACE SEAL® Coating by PPG

Surface Seal coating can be applied to all PPG windshields for Embraer aircraft. *Surface Seal* hydrophobic coating dramatically improves the ability of the windshields to shed water, providing the ultimate in visibility for the pilot during wet conditions.

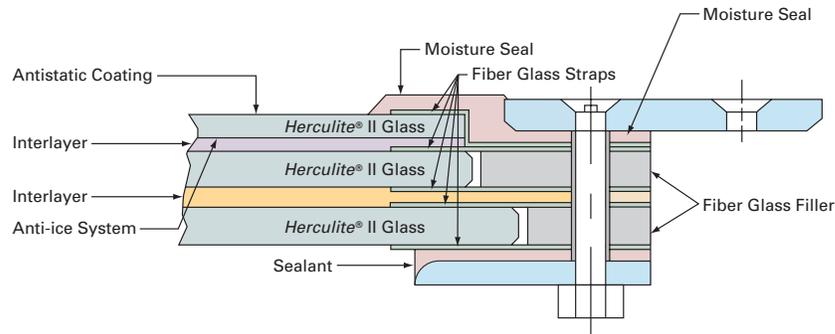
When ordering your spare windshields from PPG for Embraer aircraft, ask for *Surface Seal* coating. The parts can be coated by the PPG professionals at the factory before they ship, or the coating can be field applied to windshields on in-service aircraft with *Surface Seal* coating system kits. Ask your PPG representative for details.

Stocks Worldwide

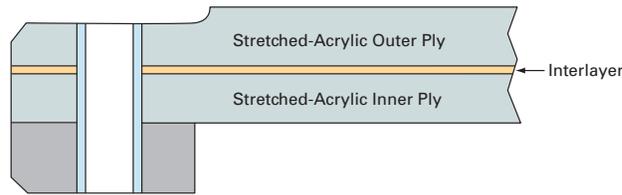
With inventories of cockpit windows maintained worldwide, PPG is able to service customers from global stocking locations.

EMB 120, ERJ 135, ERJ 140, ERJ 145 AND ERJ 145XR

Main Windshield



Side Cockpit Window



Part Numbers

Pilot Windshield (EMB 120, ERJ 135/140/145)	NP-151311-11
Copilot Windshield (EMB 120, ERJ 135/140/145)	NP-151311-12
Pilot Windshield (ERJ 145XR)	NP-151311-13
Copilot Windshield (ERJ 145XR)	NP-151311-14
Pilot Windshield with <i>Surface Seal</i> Coating (EMB 120, ERJ 135/140/145)	NP-151311-15
Copilot Windshield with <i>Surface Seal</i> Coating (EMB 120, ERJ 135/140/145)	NP-151311-16
Pilot Windshield with <i>Surface Seal</i> Coating (ERJ 145XR)	NP-151311-17
Copilot Windshield with <i>Surface Seal</i> Coating (ERJ 145XR)	NP-151311-18
Pilot Side Cockpit Window163600-03
Copilot Side Cockpit Window163600-04
Hump Seal Repair Kit	HSKEMB
<i>Surface Seal</i> Coating System Kit	DSS0100A

Ordering Information

Orders may be placed through PPG Aerospace's worldwide network of application support centers (ASCs). For the ASC nearest you, visit www.ppgaerospace.com.

In North America, call toll-free +1 (800) AEROMIX.

Pricing, warranty and delivery details are available from your PPG Aerospace sales representative.



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