PRODUCT BULLETIN

July 2025

IMEDGE® 160CD124

Super Durable Clear Gel Coat

DESCRIPTION

Polynt IMEDGE® 160CD124 gel coat is an advanced technology clear gel coat developed for the most enhanced clarity. IMEDGE® 160CD124 is best suited for spray-up applications. This premium gel coat is compatible with the Polynt IMEDGE® and Fusion® products.

BENEFITS & FEATURES

- Superior thermal shock resistance
- Premium clear gel coat with no color interference
- Excellent weathering capabilities
- Good blister resistance
- User friendly processing
- Low viscosity and fast gel time

PROPERTIES – LIQUID

Property(1)	Unit	160CD124
Viscosity(2)	cps	3,000
Thix Index(3)	-	5.0
Gel Time(4)	minutes	10.0

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer RVT Spindle #4 at 20 RPM
3) Brookfield Viscometer RVT Spindle #4 at 5/50 RPM
4) 2.0% United Initiators Norox® MEKP-925H

APPLICATION

IMEDGE® 160CD124 Super Durable Clear Gel Coat may not be compatible in the liquid state with other gel coats or resins. Spray and pumping equipment should be flushed completely prior to use. Polynt strongly advises thoroughly testing with the desired backing gel coat to ensure compatibility with IMEDGE® 160CD124.

During spray-up application of IMEDGE® 160CD124 the recommended target film thickness is 10 – 15 mils.

Do not add any material, other than the recommended methyl ethyl ketone peroxide, to this product without the advice of a representative of Polynt Composites USA.

Refer to Polynt's Composites Applications Guide ("Cookbook") for equipment and application recommendations. Each user must determine the suitability of this product to his/her particular mode of operation and intended end-use application. A Polynt representative will be available to assist in the proper selection of all Polynt products available for commercial use.

SHELF LIFE & STORAGE

The shelf life of fast cure (gel time less than 9 minutes) including IMEDGE® 160CD124 is 60 days from the date of manufacture from Polynt. To maximize usage life and maintain optimum properties, resins and gel coats should be stored in the original closed container at temperatures below 23°C/73°F and away from ignition sources and sunlight. Keep containers sealed to prevent moisture pick-up and monomer loss.

RELATED PRODUCTS

Polynt does NOT recommend the use of wax-containing additives when patching IMEDGE® 160CD124 gel coat. Options are as follows:

- **PATCHAID® 970CD133** – Super Durable Clear Patchaid. Designed expressly for use in conjunction with IMEDGE® 160CD124. This is the optimal Patchaid for use with IMEDGE® 160CD124.

- **FC PATCHAID® 970C961 Fast Cure Spraycure™**– Monomer based product that can be used as an overspray to seal the open side of spray patches. It is compatible with IMEDGE® 160CD124, but it is inferior in performance to PATCHAID® 970CD133 when patching IMEDGE® 160CD124 parts. Polynt recommends that patching IMEDGE® 160CD124 with FC PATCHAID® 970C961 is thoroughly tested to ensure that it meets all customer requirements.

SAFETY & WARRANTY

To receive a copy of our safety and warranty information, please email safetyandwarranty@polynt.com.