



SURFACE COATS

ROOM & HIGH TEMPERATURE

EPOXY SURFACE COATS - ROOM TEMPERATURE

Product	Hardener	Tg (°F)	Mixed Ratio	Pot Life (min/g)	Color	Shore Hardness	Description & Applications
ES-218	ES-218 H	114	100/14	22/230	White	83 D	Sandable system for durable high quality surface reproductions; Ideal for taking laminating duplicates
TCC-352	TCC-352 H	180*	100/15	20/100	Lt. Gray	89 D	Wear-resistant system for durable surface reproductions; Ideal for checking and trimming fixtures

EPOXY SURFACE COATS - HIGH TEMPERATURE

Product	Hardener	Tg (°F)	Mixed Ratio	Pot Life (min/g)	Color	Shore Hardness	Description & Applications
S11	S11 H	200	100/16	15/232	Lt. Blue	88 D	System for Plastic-Faced Plaster (PFP) and general applications, including vacuum forming molds and nesting fixtures
SP-707	SP-707 H	220	100/15	23/230	Gray	90 D	Aluminum-filled system used for laminated vacuum form, drape form, RIM, RTM, and injection molds
ES-221	ES-221 H	230	100/13	22/226	Black or White	90 D	Polishable system for duplicating of clay models, PFP molds, and high temperature tools requiring a gloss finish
ES-224	ES-224 H	264	100/9	60/327	Gray	90 D	Abrasion-resistant system used for laminated vacuum form, drape form, RIM, RTM, and intermediate high temperature production tools
ESG-215 Series	ESG-215 H	268	100/14	43/240	Black	90 D	Graphite-filled repair paste used for surface repairs of high temperature epoxy composite molds
	ESG-215-T H	371	100/15	43/240	Black	90 D	
ES-215 Series	ES-215-1 H	301	100/18	16/240	Black	89 D	Graphite-filled system used for high temperature composite molds and autoclave tooling
	ES-215-2 H	307	100/22	83/240	Black	88 D	
	ES-215-IHG	382	100/17	200/280	Black	89 D	

POLYESTER SURFACE COATS - HIGH TEMPERATURE

Product	Hardener	Tg (°F)	Mixed Ratio	Viscosity Mixed (cps)	Pot Life (min/g)	Shore Hardness	Description & Applications
APG 1750 S	MEKP	400*	100/2	Thixotropic	22/102	87 D	Styrene-free system most commonly used in high temperature tools for epoxy infusion, cultured marble molds, thermoforming molds, FRP molds, and RTM mold repair

* Peak Use Temperature



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