



CROSS REFERENCE

Name Brand Thermoset Resins to FRPI Laminate Specifications

This cross reference provides a means for identifying a suitable FRPI Laminate Specification based upon resin and surface veil recommendations made by Resin Manufacturers, FRP Equipment Manufacturers, Industry Consultants and FRPI. The generic resin categories that make up the basis for FRPI Laminate Specifications were publicly developed by the Engineering Division of the Technical Association of the Pulp and Paper Industry (“TAPPI”) Corrosion and Materials Engineering Committee, committee assignment CA-4684. Resin Manufacturer committee member companies contributing to the development of this cross reference included Ashland, Dow, Koppers/Indspec (Reichhold) and QO Chemicals. These generic resin categories agreed upon under committee were published in a paper authored by committee member Gary L. Arthur of An-Cor Industrial Plastics, Inc. This paper is titled, “A Guide to the Use of Epoxy, Furan, Polyester and Vinyl Ester Equipment” and was published in the Engineering Conference, Book 1, in September 1989 by TAPPI Press.

To use this cross reference simply:

1. Obtain a resin and surface veil recommendation
2. Look up the resin recommended in the table below
3. Look across to the FRPI Generic Resin Category and note the category name
4. Turn to FRPI Laminate Certification Manual Tab 4 Laminate Specifications table of contents
5. Locate the FRPI Generic Resin Category
6. Choose Laminate Spec number corresponding with type and number of surface veils recommended

FRPI GENERIC RESIN CATEGORY	RESIN MANUFACTURERS			
	AOC	ASHLAND	INTERPLASTIC	REICHHOLD
Isophthalic Polyester	Vipel F701	Aropol 7241T-15	CoREZYN 75-AQ-001 CoREZYN 75-AQ-001S CoREZYN 75-AQ-010 CoREZYN 75-AQ-011	Dion 6631T
Fire Retardant Halogenated Isophthalic Polyester	Vipel K733	Hetron 99P Hetron 92FR	CoREZYN 16-AA-183 CoREZYN 16-AA-184	Dion 6604T Dion 7767
Chlorendic Acid Polyester	Vipel K190	Hetron 197-3		Atlac 797
Bisphenol-A Polyester	Vipel F282	Hetron 700		Atlac 382 Dion 6694
Brominated Bisphenol-A Fumarate Polyesters (future category)				Atlac 711-05AS Dion 6695
Bisphenol-A Epoxy Vinyl Ester	Vipel F010	Hetron 922 Derakane 411 Derakane 441-400	CoREZYN 8100 CoREZYN 8300 CoREZYN 8360	Atlac 580-05A Dion 9100
Fire Retardant Brominated Bisphenol-A Epoxy Vinyl Ester	Vipel K022	Hetron FR992 Hetron 992SB Derakane 510C	CoREZYN VE8400 CoREZYN VE8440	Dion 9300
Epoxy Novolac Vinyl Ester	Vipel F085	Hetron 970 Derakane 470	CoREZYN 8730	Atlac 570 Dion 9480
Fire Retardant Brominated Epoxy Novolac Vinyl Ester		Derakane 510N		
Furan (“Furfuryl Alcohol”)		Hetron 800		

NOTE: Resin Manufacturers publish resin cross references between competitive brands, which are consistent with the FRPI cross references provided above. Resins provide many more benefits and drawbacks than represented herein. For more detailed resin information, please consult the Resin Manufacturers. All Resin Manufacturer’s brands are registered trademarks.