ACCU-PAC® SURFACE MEDIA

Summary of Surface Burning Characteristics of Brentwood's Fills and Drift Eliminators

The following table summarizes the test results of the ASTM E-84, "Standard Test Method for Surface Burning Characteristics of Building Materials" on Brentwood's fills and drift eliminators. The test provides information on two fire related characteristics, Flame Spread Index (FSI) and Smoke Developed Value (SDV), evaluated after a 10-minute fire exposure in the Steiner Test Tunnel. The FSI is a measure of the flame propagation of a given specimen and the SDV is a measure of the smoke density of the resulting combustion products. As a reference, inorganic cement board has a FSI of 0, and red oak flooring has a FSI of 100. The Cooling Technology Institute (CTI) recommends that all plastic components installed in cooling towers have a FSI of 25 or less.

Product Tested	Material of Construction	Nominal After-Forming Thickness		Flame Spread Index	Smoke Developed Value
		(mils)	(mm)	(FSI)	(SDV)
CF1200	Rigid PVC	8	0.20	20	665
CF1900	Rigid PVC	10	0.25	5	840
OF21ma	Rigid PVC	10	0.25	15	200
XF75	Rigid PVC	10	0.25	15	90
VF19Plus	Rigid PVC	10	0.25	5	350
Kelly-Bar	Rigid PVC	50	1.3	15	260
V-Bar	Rigid PVC	50	1.3	5	350
CF150MAx	Rigid PVC	15	0.38	25	200
XF150MAx	Rigid PVC	15	0.38	15	260
CF80MAx	Rigid PVC	13	0.33	25	125
XF80MAx	Rigid PVC	13	0.33	20	170
DE120	Rigid PVC	25	0.64	15	345
DE080	Rigid PVC	25	0.64	10	600
D15	Rigid PVC	15	0.38	15	745

An independent laboratory conducted all tests in strict accordance with procedures outlined in ASTM E-84, "Standard Test Method for Surface Burning Characteristics of Building Materials". Copies of the full test report for any product shown in this table are available upon request.