

# VETROMATRIX®

## GLASS AMALGAM

Description	British Standard	International relationship	Italian Standard	Replaced by	Classification	US Standard	Classification
	BS	EN	UNI	BS/UNI EN ISO		ASTM	
Method for determination of water absorption and apparent porosity	6431-11:1983	99:1991 Identical	99	10545-3:1997	None		
Method for determination of modulus of rupture and breaking strength	6431-12:1983	100:1991 Identical	100	10545-4:1997	23.5 N/mm <sup>2</sup>		
Method for determination of resistance to deep abrasion	6431-14:1983	102:1991 Identical	102	10545-6:1997	318.4 mm <sup>3</sup>		
Method for determination of linear thermal expansion	6431-15:1983	103:1991 Identical	103	10545-8:1996	16.2X10-6Celsius-1	C539-84(2000)	1.35X10-5in/in Fh
Method for determination of resistance to thermal shock	6431-16:1983	104:1991 Identical	104	10545-9:1996	Resistant		
Method for determination of chemical resistance	6431-18:1983	106:1991 Identical	106	10545-13:1997	Resistant		
Method for determination of frost resistance	6431-22:1986	202:1991 Identical	202	10545-22:1986	Resistant		
Method for determination of resistance to flame on one surface			8457:1987		Class 1		
Method of determination of anti slip properties: workrooms and work areas with increased risk of slip- Walking method-ramp test	6677-1:1986 T.R.R.L Pendulum test	DIN 51 130:1992			R9		
Method for Bond Strength to Portland Cement						C482-81(1996)	142.21 lb/in <sup>2</sup>
Method for measuring the resistance to Freeze-Thaw cycling						C1026-87(1996)	Resistant
Method for determining visible abrasion resistance						C1027-99	Class IV Commercial grade
Method for determining the Static coefficient of friction by the horizontal dynamometer pull-meter method						C1028-96	Dry 0.79- Wet 0.63

