



SYMPHONY
BY AUREA STONE

**TECHNICAL
SPECIFICATIONS
SHEET**

TECHNICAL SPECIFICATIONS SHEET

APPARENT DENSITY	EN 14617-1-2013	2.34g/cm ³														
WATER ABSORPTION	EN 14617-1-2013	0,01%														
tv10H'S HARDNESS	EN 101	7														
FLEXURAL STRENGTH	EN 14617-2:2016	97.66MPa														
SLIP RESISTANCE (POLISHED)	EN 14231:2003	SRV "dry": 62														
		SRV "wet": 17														
ABRASION RESISTANCE	EN 14617-4:2012	23.0MM														
THERMAL SHOCK RESISTANCE	EN 14617-6:2012	Mass loss:0.03% Appearance: No visible defects Flexura! strength after thermal shock:93.0?MPa Flexura! strength loss: -4.7%														
IMPACT RESISTANCE	EN 14617-9:2005	11.22J														
LINEAR THERMAL EXPANSION COEFFICIENT	EN 14617-11:2005	23.5x10 ^{-e} /°C														
DIMENSIONAL STABILITY	EN 14617-12:2012	Class: A														
FROST AND THAW RESISTANCE	EN 14617-5:2012	Flexura! strength after freeze and thaw resistance: 98.2MPa The change in flexura! strength: 104.5%														
BREAKING LOAD AT DOWEL HOLE	EN 14617-8:2007	5660 N														
SURFACE RESISTIVITY	EN 14617-13:2015	1.56x10 ¹² O/sq														
VOLUME RESISTIVITY	EN 14617-13:2015	1.56x10 ¹³ O/sq														
THERMAL CONDUCTIVITY	EN 15285:2008 Section 4.2.10 & EN 12664:2001 Heat flow meter method	0.746W/(m. K)														
CHEMICAL RESISTANCE	EN 14617-10:2012	Rating: C ₄														
RESISTANCE TO CHEMICALS AND STAINING AGENTS	EN 14688,CLAUSE 5.5	<table border="0"> <tr> <td>STAINING AGENT</td> <td>CLEANING TEST</td> </tr> <tr> <td>CH₃COOH (10% VN)</td> <td>REMOVAL</td> </tr> <tr> <td>NaOH (5% m/m)</td> <td>REMOVAL</td> </tr> <tr> <td>C₂H₅OH (70% VN)</td> <td>REMOVAL</td> </tr> <tr> <td>NaOCl (5%)</td> <td>REMOVAL</td> </tr> <tr> <td>METHYLENE BLUE (1% m/m)</td> <td>REMOVAL</td> </tr> <tr> <td>NaCl (170 G/L)</td> <td>REMOVAL</td> </tr> </table>	STAINING AGENT	CLEANING TEST	CH ₃ COOH (10% VN)	REMOVAL	NaOH (5% m/m)	REMOVAL	C ₂ H ₅ OH (70% VN)	REMOVAL	NaOCl (5%)	REMOVAL	METHYLENE BLUE (1% m/m)	REMOVAL	NaCl (170 G/L)	REMOVAL
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RELEASE OF DANGER	SGS In-House method- GZfC CHEM-TOP-092-01, GZfC CHEM-TOP-092-02, Analyzed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.	Pass														