

HARTHAM PARK BATH GROUNDSTONE - TECHNICAL DATA SHEET

DETERMINATION OF RESISTANCE TO SALT CRYSTALLISATION TESTED IN ACCORDANCE WITH BS EN 12370:1999		
Lowest Value Mass Change	Highest Value Mass Change	Mean Value Mass Change
-24.7 %	-47.5 %	-35 %

DETERMINATION OF FROST RESISTANCE TESTED IN ACCORDANCE WITH BS EN 12371:2010 NUMBER OF FREEZE/THAW CYCLES: 25
AVERAGE PERFORMANCE PRIOR TO FREEZE/THAW CYCLES: 4.1 (Refer to certificate: 322706-17-80955- M73)
AVERAGE PERFORMANCE AFTER FREEZE/THAW CYCLES: 4.1 (Refer to certificate: 322706-17-80955- M73i)
CHANGE IN PERFORMANCE (%): 0

DETERMINATION OF THE BREAKING LOAD AT DOWEL HOLE TESTED IN ACCORDANCE WITH BS EN 13364:2002 TESTED PARALLEL TO PLANES OF ANISOTROPY - SAMPLE THICKNESS: 75mm		
LOWEST VALUE BREAKING LOAD	HIGHEST VALUE BREAKING LOAD	MEAN VALUE BREAKING LOAD
1850 (N)	4300 (N)	2650 (N)

DETERMINATION OF THE BREAKING LOAD AT DOWEL HOLE TESTED IN ACCORDANCE WITH BS EN 13364:2002 TESTED PARALLEL TO EDGES - SAMPLE THICKNESS: 75mm		
LOWEST VALUE BREAKING LOAD	HIGHEST VALUE BREAKING LOAD	MEAN VALUE BREAKING LOAD
1500 (N)	4500 (N)	2850 (N)

DETERMINATION OF WATER ABSORPTION AT ATMOSPHERIC PRESSURE TESTED IN ACCORDANCE WITH BS EN 13755: 2008		
LOWEST WATER ABSORPTION	HIGHEST WATER ABSORPTION	MEAN WATER ABSORPTION
8.6 %	10.8 %	10.0 %

DETERMINATION OF WATER ABSORPTION COEFFICIENT BY CAPILLARITY TESTED IN ACCORDANCE WITH BS EN 1925: 1999					
PARALLEL WITH PLANE OF ANISOTROPY			PERPENDICULAR TO PLANE OF ANISOTROPY		
ABSORPTION COEFFICIENT (g/m ² .s ^{0.5})			ABSORPTION COEFFICIENT (g/m ² .s ^{0.5})		
LOWEST	HIGHEST	MEAN	LOWEST	HIGHEST	MEAN
84.6	112	99.1	63.8	125	99.9

DETERMINATION OF UNIAXIAL COMPRESSIVE STRENGTH TESTED IN ACCORDANCE WITH BS EN 1926:2006		
LOWEST VALUE COMPRESSIVE STRENGTH	HIGHEST VALUE COMPRESSIVE STRENGTH	MEAN VALUE COMPRESSIVE STRENGTH
12 R (Mpa)	20 R (Mpa)	14 R (Mpa)

DETERMINATION OF REAL DENSITY AND APPARENT DENSITY AND TOTAL AND OPEN POROSITY TESTED IN ACCORDANCE WITH BS EN 1936:2006			
REAL DENSITY	APPARENT DENSITY	OPEN POROSITY	TOTAL POROSITY
2730 (kg/m³)	2060 (kg/m³)	24 (%)	24.7 (%)