



NORTH AMERICAN  
STONE AND TILE

Stone : Imperial Bronze

Textures : Tumbled brush

Size : French pattern & copings 16"x24"x2"





Stone : Imperial Bronze  
Textures : Tumbled brush  
Size : French pattern





Textures : Tumbled brush  
Size : French pattern



Textures : Tumbled brush or light acid and brush  
Size : full bullnose stair treads







Textures : Tumbled brush

Size : Random length x 16" or 18" or 24"





Textures : Tumbled brush

Size : Random length x 16" or 18" or 24"





Textures : Tumbled brush

Size : Random length x 16" or 18" or 24"





Textures : Tumbled brush  
Size : Random length x 16" or 18" or 24"





Textures : Tumbled brush

Size : Massive stairs with different edges





Size : Rebate stairs





Size : Rebate stairs



Size : Split face









Textures : Sand blasted

Size : Random length x 16" or 18" or 24"



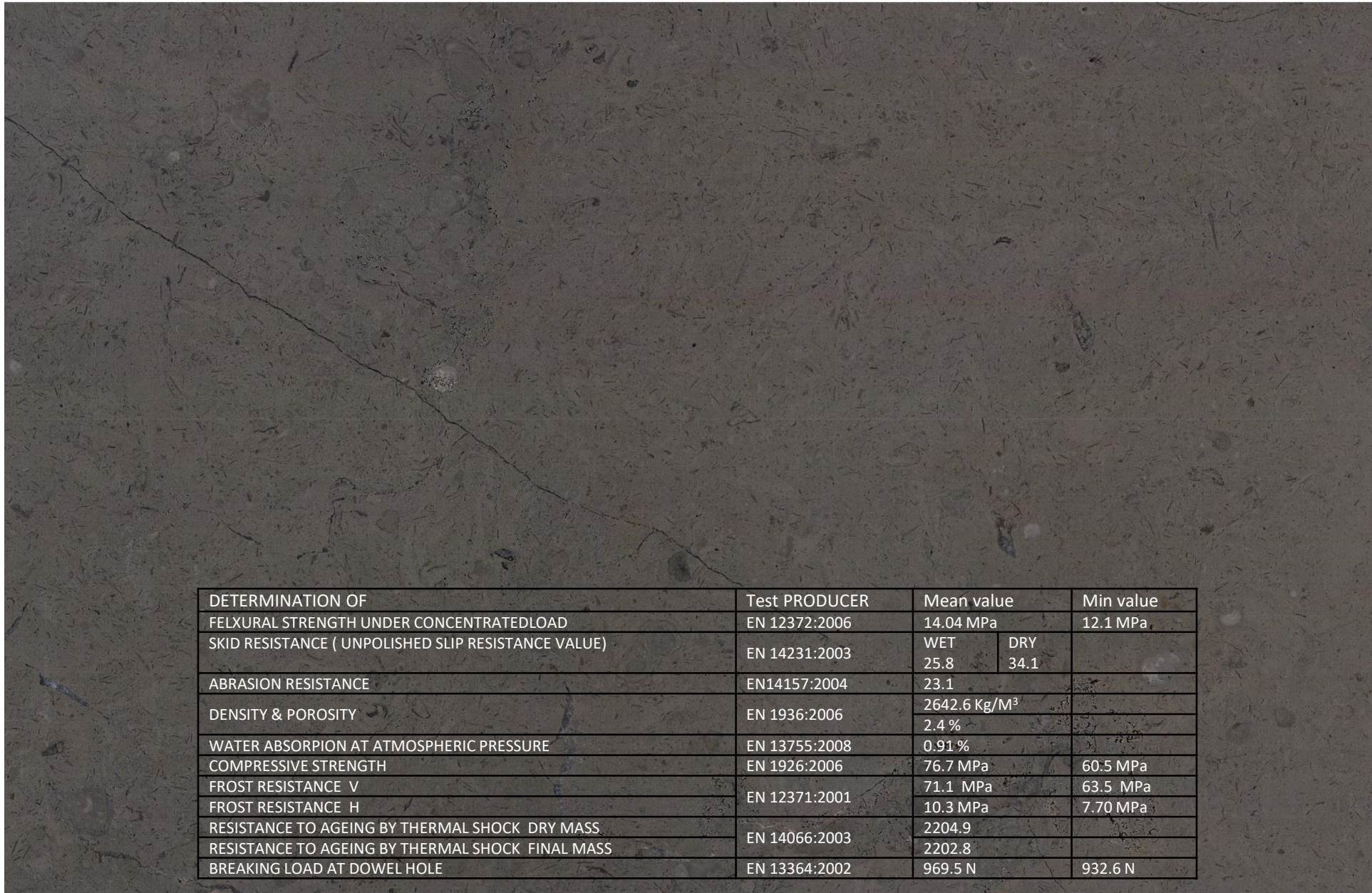


# Imperial Bronze

DETERMINATION OF	Test PRODUCER	Mean value		Min value
FLEXURAL STRENGTH UNDER CONCENTRATED LOAD	EN 12372:2006	14.04 MPa		12.1 MPa
SKID RESISTANCE ( UNPOLISHED SLIP RESISTANCE VALUE)	EN 14231:2003	WET 19.1	DRY 22.8	
ABRASION RESISTANCE	EN14157:2004	21.30		
DENSITY & POROSITY	EN 1936:2006	2581.0 Kg/M <sup>3</sup> 3.9%		
WATER ABSORPTION AT ATMOSPHERIC PRESSURE	EN 13755:2008	1.40%		
COMPRESSIVE STRENGTH	EN 1926:2006	60.9MPa		48.7 MPa
FROST RESISTANCE V	EN 12371:2001	65.0 MPa		60.0MPa
FROST RESISTANCE H		11.79 MPa		10.37 MPa
RESISTANCE TO AGEING BY THERMAL SHOCK DRY MASS	EN 14066:2003	1991.7		
RESISTANCE TO AGEING BY THERMAL SHOCK FINAL MASS		1985.2		
BREAKING LOAD AT DOWEL HOLE	EN 13364:2002	1284.2N		1114.0N



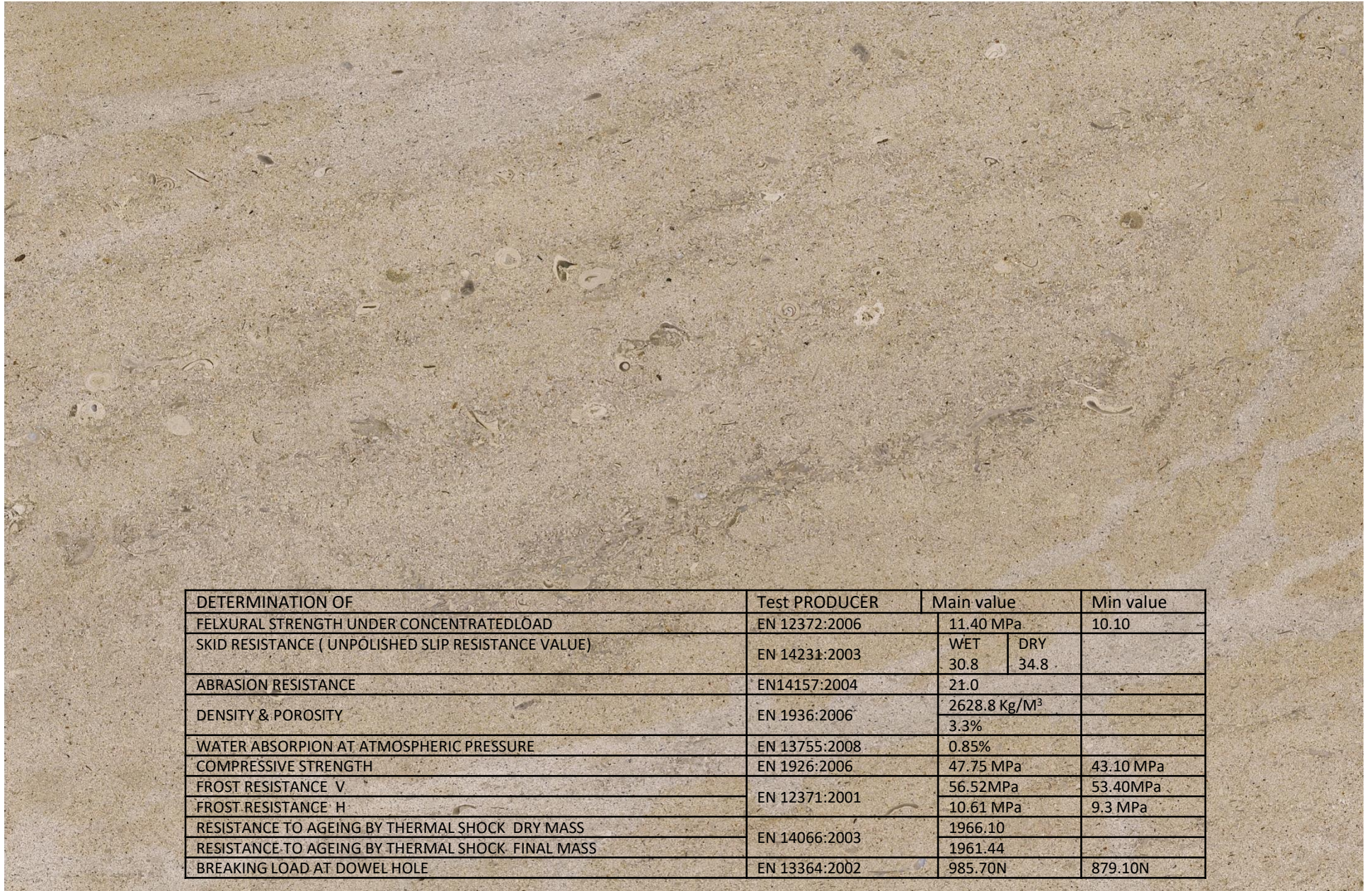
# Imperial Grey



DETERMINATION OF	Test PRODUCER	Mean value		Min value
FLEXURAL STRENGTH UNDER CONCENTRATED LOAD	EN 12372:2006	14.04 MPa		12.1 MPa
SKID RESISTANCE ( UNPOLISHED SLIP RESISTANCE VALUE)	EN 14231:2003	WET 25.8	DRY 34.1	
ABRASION RESISTANCE	EN14157:2004	23.1		
DENSITY & POROSITY	EN 1936:2006	2642.6 Kg/M <sup>3</sup> 2.4 %		
WATER ABSORPTION AT ATMOSPHERIC PRESSURE	EN 13755:2008	0.91 %		
COMPRESSIVE STRENGTH	EN 1926:2006	76.7 MPa		60.5 MPa
FROST RESISTANCE V	EN 12371:2001	71.1 MPa		63.5 MPa
FROST RESISTANCE H		10.3 MPa		7.70 MPa
RESISTANCE TO AGEING BY THERMAL SHOCK DRY MASS	EN 14066:2003	2204.9		
RESISTANCE TO AGEING BY THERMAL SHOCK FINAL MASS		2202.8		
BREAKING LOAD AT DOWEL HOLE	EN 13364:2002	969.5 N		932.6 N



# Moca Beige



DETERMINATION OF	Test PRODUCER	Main value		Min value
FLEXURAL STRENGTH UNDER CONCENTRATED LOAD	EN 12372:2006	11.40 MPa		10.10
SKID RESISTANCE ( UNPOLISHED SLIP RESISTANCE VALUE)	EN 14231:2003	WET 30.8	DRY 34.8	
ABRASION RESISTANCE	EN14157:2004	21.0		
DENSITY & POROSITY	EN 1936:2006	2628.8 Kg/M <sup>3</sup> 3.3%		
WATER ABSORPTION AT ATMOSPHERIC PRESSURE	EN 13755:2008	0.85%		
COMPRESSIVE STRENGTH	EN 1926:2006	47.75 MPa		43.10 MPa
FROST RESISTANCE V	EN 12371:2001	56.52MPa		53.40MPa
FROST RESISTANCE H		10.61 MPa		9.3 MPa
RESISTANCE TO AGEING BY THERMAL SHOCK DRY MASS	EN 14066:2003	1966.10		
RESISTANCE TO AGEING BY THERMAL SHOCK FINAL MASS		1961.44		
BREAKING LOAD AT DOWEL HOLE	EN 13364:2002	985.70N		879.10N



