



HYGIENE SURFACE

120 X 160 CM

SCIENCE & TECHNOLOGY

HELP US TO DEVELOP
NEW MATERIALS THAT
IMPROVE LIFE IN HOMES

DIMENSION



APPERANCE

WATER



PROOF

CHEMICAL



RESISTANCE

RESISTANCE TO



SUPERFICIAL
ABRASION

FROST



RESISTANCE

CRAZING



RESISTANCE

STAIN



RESISTANCE

SCRATCH



RESISTANCE

TENSILE



STRENGTH

THERMAL

t_c°

RESISTANCE

COLOR



STABILITY

FIRE



PROOF



1.5cm
THICKNESS

120x
160cm



PRODUCT APPLICATION



Residential
Places



Commercial
Places



Public
Places



Storehouse



Religious
places



Hotel &
Restaurant



Airport



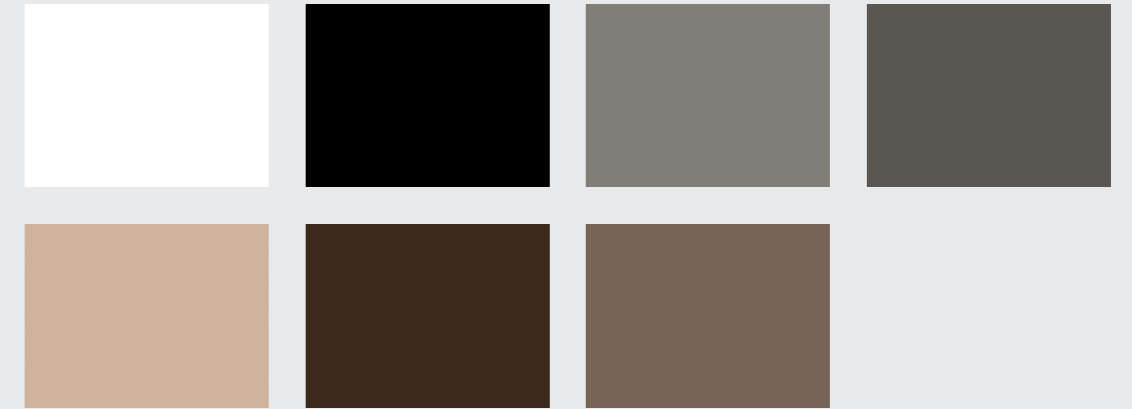
Train Station



Factory

RANGE

PLAIN
SERIES





Resistant to staining



Impact Resistant



Acid Resistant



Thermal Shock Resistant



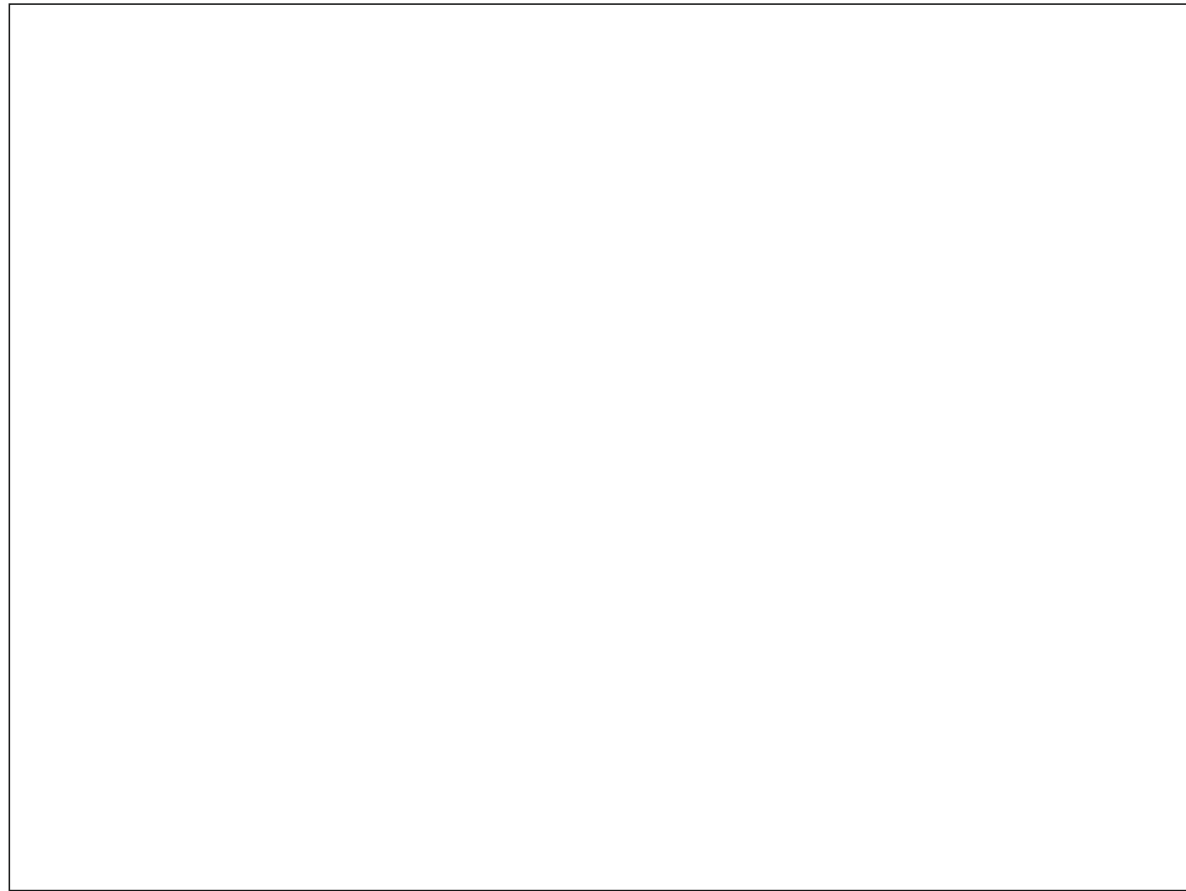
Easy to clean



Frost Resistant

Also Available: **80x320cm**

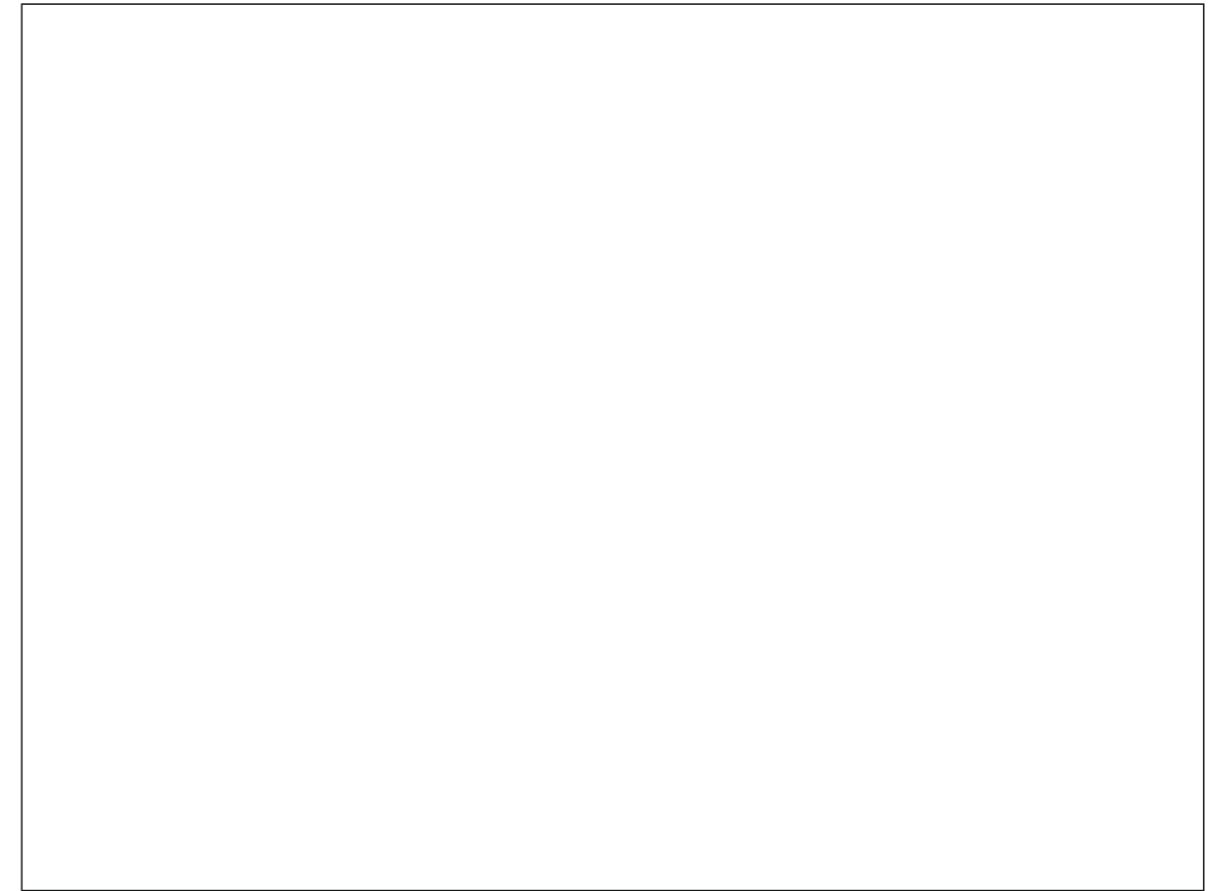
 **1.5 cm** Thickness



SUPER WHITE

120x160cm

FULL BODY POLISHED



WHITE

120x160cm

MATT



Resistant to staining



Impact Resistant



Acid Resistant



Thermal Shock Resistant



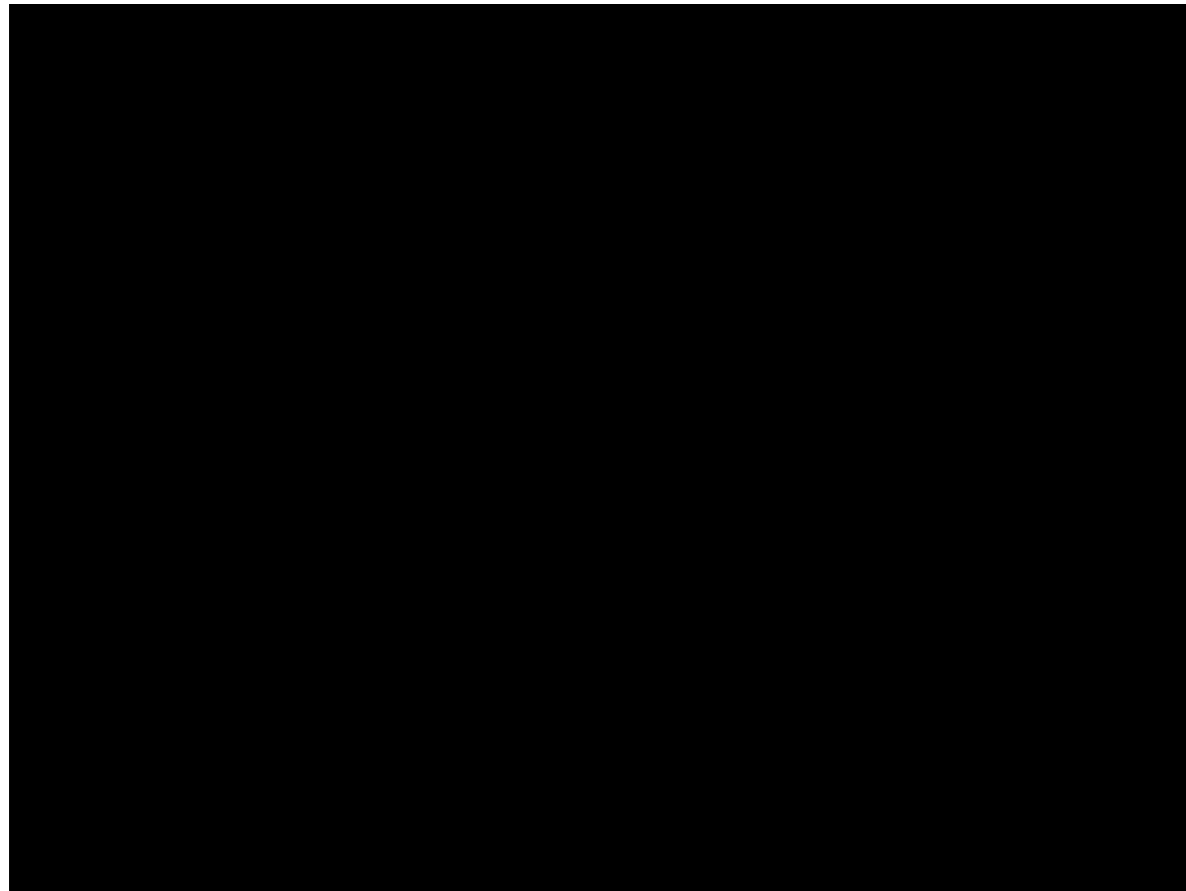
Easy to clean



Frost Resistant

Also Available: **80x320cm**

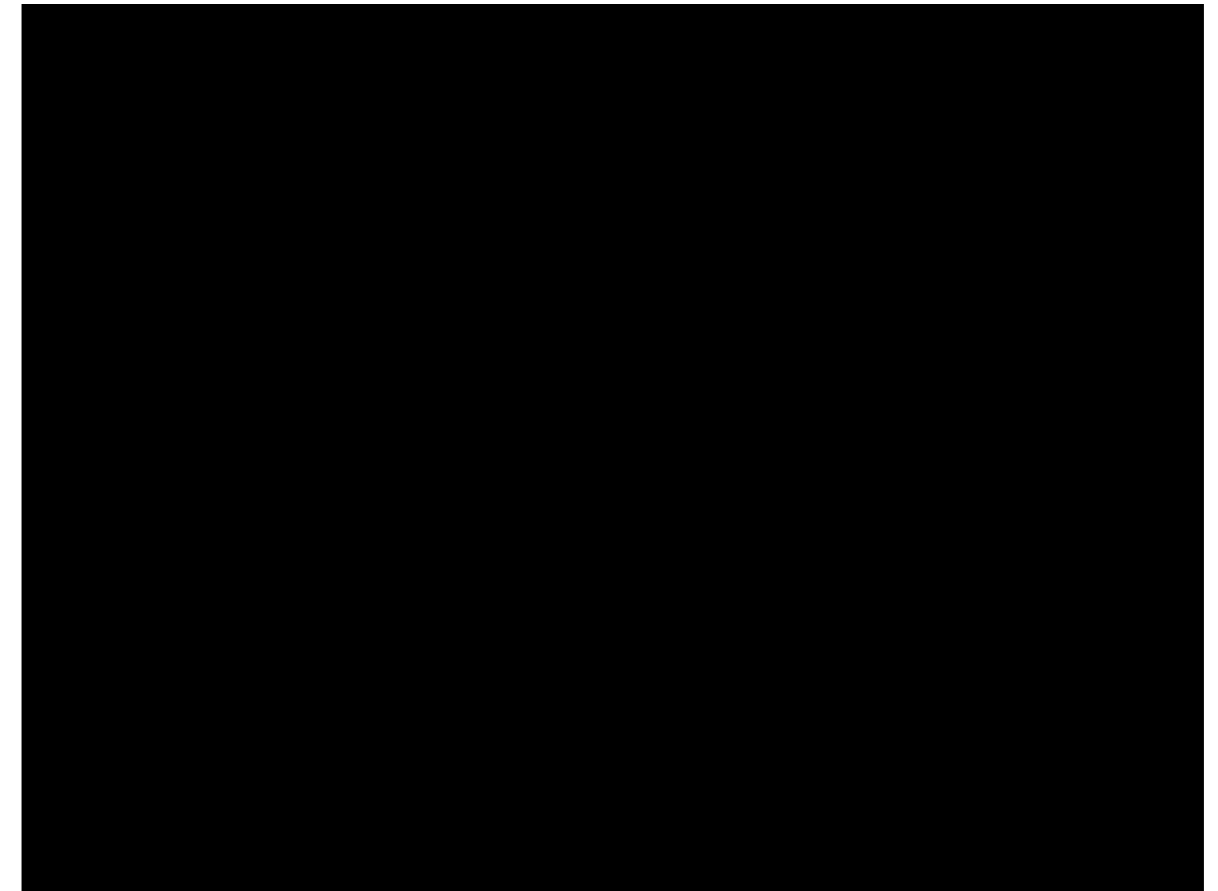
 **1.5 cm** Thickness



ZED BLACK

120x160cm

FULL BODY POLISHED



BLACK

120x160cm

MATT



Resistant to staining



Impact Resistant



Acid Resistant



Thermal Shock Resistant



Easy to clean



Frost Resistant

Also Available: **80x320cm**

1.5 cm Thickness



STEEL GREY

120x160cm

FULL BODY POLISHED



STEEL GREY

120x160cm

FULL BODY MATT



Resistant to staining



Impact Resistant



Acid Resistant



Thermal Shock Resistant



Easy to clean



Frost Resistant

Also Available: **80x320cm**

 **1.5 cm** Thickness



FOSSIL GREY

120x160cm

FULL BODY POLISHED



FOSSIL GREY

120x160cm

FULL BODY MATT



Resistant to staining



Impact Resistant



Acid Resistant



Thermal Shock Resistant



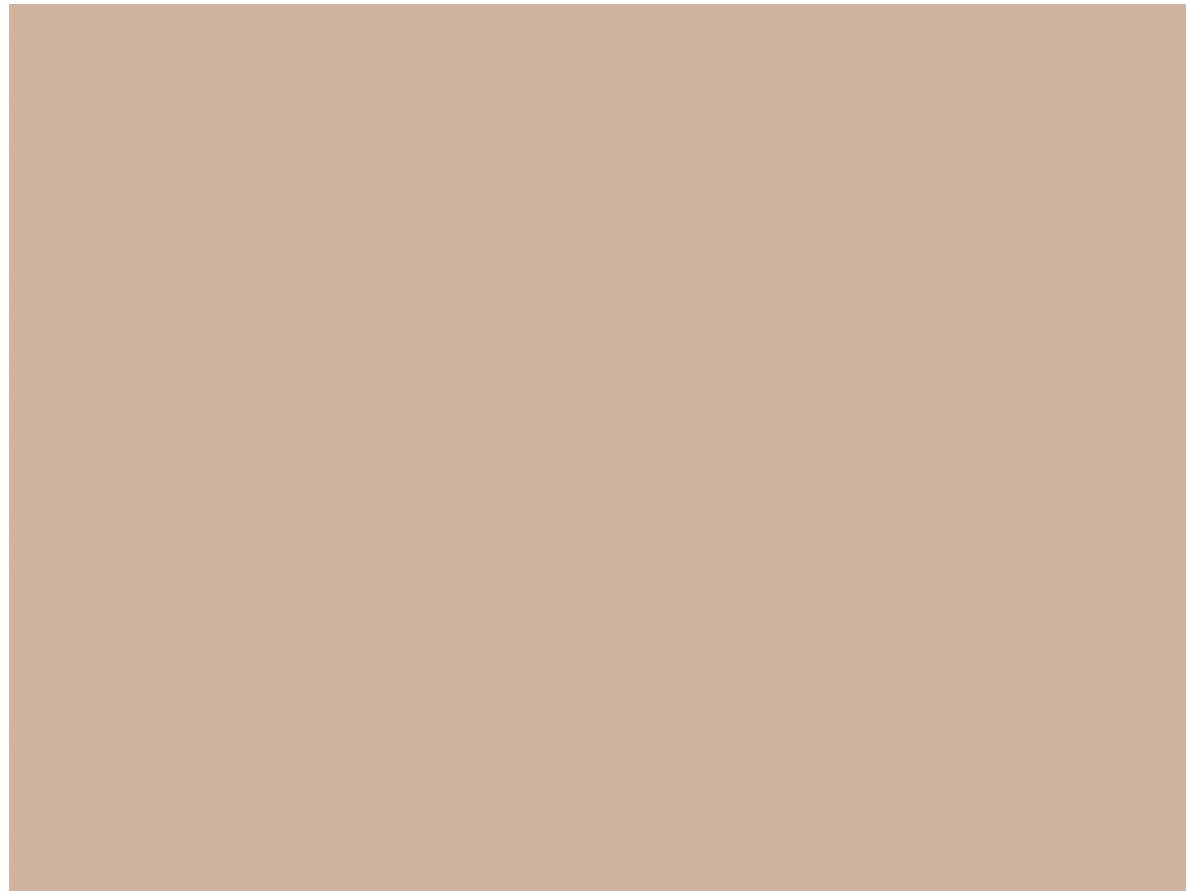
Easy to clean



Frost Resistant

Also Available: **80x320cm**

1.5 cm Thickness



TORTILLA BROWN

120x160cm

FULL BODY POLISHED



TORTILLA BROWN

120x160cm

FULL BODY MATT



Resistant to staining



Impact Resistant



Acid Resistant



Thermal Shock Resistant



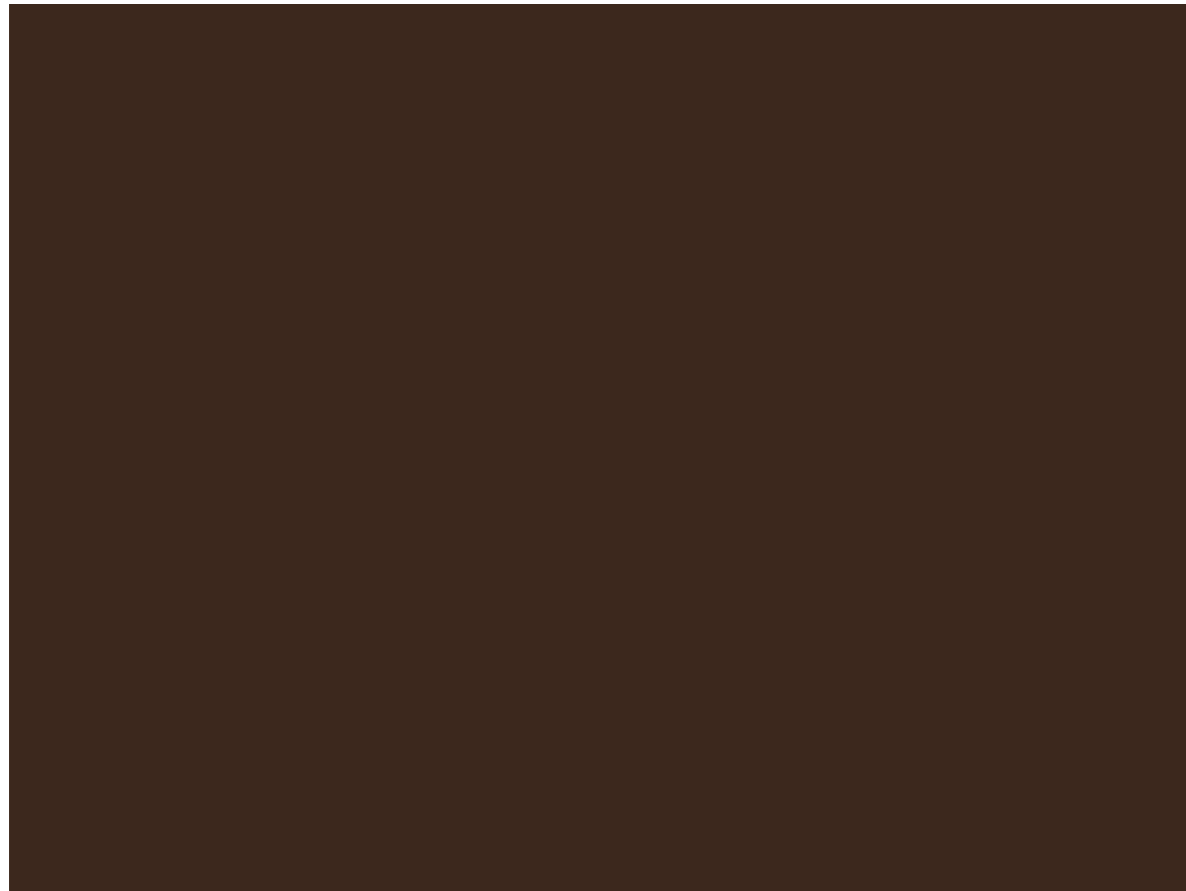
Easy to clean



Frost Resistant

Also Available: **80x320cm**

1.5 cm Thickness



CHOCO BROWN

120x160cm

FULL BODY POLISHED



CHOCO BROWN

120x160cm

FULL BODY MATT



Resistant to staining



Impact Resistant



Acid Resistant



Thermal Shock Resistant



Easy to clean



Frost Resistant

Also Available: **80x320cm**

1.5 cm Thickness



MOCHA BROWN

120x160cm

FULL BODY POLISHED



MOCHA BROWN

120x160cm

FULL BODY MATT

TECHNICAL SPECIFICATION

CHARACTERISTICS	STANDARD AS PER ISO-13006/En14411 GROUP	VALUES	TEST METHOD
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REGULATORY PROPERTIES

Deviation in Length & Width	0.50%	0.20%	ISO - 10545-2
Deviation in Thickness	0.50%	0.50%	ISO - 10545-2
Straightness of Sides	0.50%	0.20%	ISO - 10545-2
Rectangularity	0.50%	0.20%	ISO - 10545-2
Surface Flatness	0.50%	0.20%	ISO - 10545-2
Color Difference	Unaltered	No Change	ISO - 10545-16
Glossiness	As per Mfg.	>90%	Glossmeter

STRUCTURAL PROPERTIES

Water Absorption	<0.05%	<0.05%	ISO - 10545-3
Apparent Density	>2.00 g/cc	>2.10 g/cc	DIN 51082

MASSIVE MECHANICAL PROPERTIES

Modulus of Repture	Min 35N/MM2	Min 40N/MM2	ISO - 10545-4
Breaking Strength	Min. 1300 N	Min. 2000 N	ISO - 10545-4
Impact Resistance	As per Mfg.	Min. 0.55	ISO - 10545-5

SURFACE MECHANICAL PROPERTIES

Surface Abrasion Resistance	As per Mfg.	Min. class 3	ISO - 10545-7
Moh's Hardness	As per Mfg.	Min. class 4	EN 101

THERMO HYGROMETRIC PROPERTIES

Frost Resistance	No Damage	No Damage	ISO - 10545-12
Thermal Shock Resistance	No Damage	No Damage	ISO - 10545-09
Moisture Expansion	Nil	Nil	ISO - 10545-10
Thermal Expansion	Max 9.0x10 ⁻⁶	Max 6.5x10 ⁻⁶	ISO - 10545-08
Crazing Resistance	As per Mfg.	Min 10 Cycle	ISO - 10545-11

CHEMICAL PROPERTIES

Chemical Resistance	No Damage	No Damage	ISO - 10545-13
Stain Resistance	Resistant	Resistant	ISO - 10545-14

SAFETY PROPERTIES

Slip Resistance	As per Mfg.	>0.40	ISO - 10545-17
Fire Resistance	As per Mfg.	Fire Proof	N.A.

PACKING DETAIL

SIZE	Thickness	No. of Tiles	WEIGHT/BOX	COVERAGE AREA
120 x 160 cm	1.5CM	1 Pcs	67kg _(approx)	20.67 Sq. ft.

