

ZYD 600x1200mm

Characteristics	ISO	Standard as per ISO 13006 / EN14411 Group Bla	Mean Value Diamond Polished	Mean Value Baby Silk
REGULATORY PROPERTIES				
DIMENSION – LENGTH AND WIDTH	ISO 10545-2	+/- 0.50%	+/-0.30%	+/-0.30%
DEVIATION IN THICKNESS	ISO 10545-2	+/- 5.00%	+/-4.00%	+/-4.00%
SIDE STRAIGHTNESS	ISO 10545-2	+/- 0.50%	+/-0.10%	+/-0.10%
RECTANGULARITY	ISO 10545-2	+/- 0.50%	+/-0.20%	+/-0.20%
SURFACE FLATNESS	ISO 10545-2	+/- 0.50%	+/-0.20%	+/-0.20%
COLOUR DIFFERENCES	ISO 10545-16	Unaltered	No Change	No Change
GLOSSINESS	Gloss Meter	As per Mfg	>90%	>25%
STRUCTURAL PROPERTIES				
WATER ABSORPTION	ISO 10545-3	≤ 0.50%	≤ 0.20%	≤ 0.20%
APPARENT DENSITY	DIN 51082	>2.00 g/cc	>2.10 g/cc	>2.10 g/cc
MASSIVE MECHANICAL PROPERTIES				
MODULUS OF RUPTURE	ISO 10545-4	Min. 35N/mm ²	Min. 40/mm ²	Min. 40/mm ²
BREAKING STRENGTH	ISO 10545-4	Min 1300 N	Min 1800 N	Min 1800 N
IMPACT RESISTANCE	ISO 10545-5	As per Mfg	Min. 0.55	Min. 0.55
SURFACE MECHANICAL PROPERTIES				
SURFACE ABRASION RESISTANCE	ISO 10545-7	As per Mfg	Min Class – 3	Min Class - 3
MOH's HARDNESS	EN 101	As per Mfg	Min 5	Min 7
THERMAL HYGROMETRIC PROPERTIES				
FROST RESISTANCE	ISO 10545-12	No Damage	No Damage	No Damage
THERMAL SHOCK RESISTANCE	ISO 10545-9	No Damage	No Damage	No Damage
MOISTURE EXPANSION	ISO 10545-10	Nil	Nil	Nil
CRAZING RESISTANCE	ISO 10545-11	As per Mfg	Min 10 Cycle	Min 10 Cycle
CHEMICAL PROPERTIES				
CHEMICAL RESISTANCE	ISO 10545-13	No Damage	No Damage	No Damage
STAIN RESISTANCE	ISO 10545-14	Resistance	Resistance	Resistance
SAFETY PROPERTIES				
SLIP RESISTANCE	ISO 10545-17	As per Mfg	>0.40	>0.40
FIRE RESISTANCE	NA	As per Mfg	Fireproof	Fireproof
LEAD & CADMIUM GIVEN OFF BY GLAZED TILES	ISO 10545-15	As per Mfg	Does not yield Pb & Cd	Does not yield Pb & Cd