

**TECHNICAL SPECIFICATION  
CRAZY CUT 20 X 40 CM**

DESCRIPTION	NORMS	SINGLE FIRED TILE REQUIRED VALUES	KJG VALUES
Length and width	ISO 10545 - 2	± 0.6 %	± 0.4 %
Thickness	ISO 10545 - 2	± 5.0 %	± 4.0 %
Rectangularity	ISO 10545 - 2	± 0.6 %	± 0.2 %
Straightness of Side	ISO 10545 - 2	± 0.5 %	± 0.2 %
Surface Flatness :	ISO 10545 - 2		
- Center Curvature		± 0.5 %	+ 0.2 % - 0 %
- Edge Curvature		± 0.5 %	+ 0.2 % - 0 %
Water Absorption	ISO 10545 - 3	6-10 %	Passed
Modulus of Rupture	ISO 10545 - 4	≥ 18 N / mm <sup>2</sup>	≥ 23 N / mm <sup>2</sup>
Breaking Strength	ISO 10545 - 4	≥ 800 N	≥ 800 N
Abrasion Resistance	ISO 10545 - 6	Report abrasion class and cycles passed	Class 3
Crazing Resistance	ISO 10545 - 11	Required	6 Bar Soaking time 2 jam No Crazyng
Resistance to Staining	ISO 10545 - 14	Minimum class 3	Passed
Resistan to Chemicals	ISO 10545 - 13	Required	Passed

**TECHNICAL SPECIFICATION  
MASTERPIECE & MAESTRO**

DESCRIPTION	NORMS	SINGLE FIRED TILE REQUIRED VALUES	KJG VALUES
Side Dimension	ISO 10545 - 2	± 0.6 %	± 0.25 %
Side Straightness	ISO 10545 - 2	± 0.5 %	± 0.25 %
Rectangularity	ISO 10545 - 2	± 0.6 %	± 0.25 %
Flatness	ISO 10545 - 2	± 0.5 %	± 0.3 %
Thickness	ISO 10545 - 2	± 5 %	Passed
Water Absorption	ISO 10545 - 3	6<E<10	Passed
Bending Strength	ISO 10545 - 4	18 kg/cm <sup>2</sup>	>230 kg/cm <sup>2</sup>
Crazyng Resistance	ISO 10545 - 11	Autoclave test 5 bar/cm <sup>2</sup> & last 2 hours	Passed
Resistance to Staining of Glazed Tile	ISO 10545 - 14	Resistant	Resistant
Chemical Resistance	ISO 10545 - 13	Resistant	Resistant
Abration Resistance	ISO 10545 - 7	Resistant	Required

**TECHNICAL SPECIFICATION  
HAMMER EDGE , HAMMER SLATE & HEXAGONAL**

DESCRIPTION	NORMS	SINGLE FIRED TILE REQUIRED VALUES	KJG VALUES
Length and width	ISO 10545 - 2	± 0.6 %	± 0.45 %
Thickness	ISO 10545 - 2	± 5.0 %	± 4.0 %
Rectangularity	ISO 10545 - 2	± 0.6 %	± 0.2 %
Straightness of Side	ISO 10545 - 2	± 0.5 %	± 0.1 %
Surface Flatness :	ISO 10545 - 2		
- Center Curvature		± 0.5 %	± 0.3 % - 0 %
- Edge Curvature		± 0.5 %	± 0.3 % - 0 %
Water Absorption	ISO 10545 - 3	≥ 6-10 %	Passed
Modulus of Rupture	ISO 10545 - 4	≥ 18 N / mm <sup>2</sup>	≥ 23 N / mm <sup>2</sup>
Breaking Strength	ISO 10545 - 4	≥ 800 N	≥ 800 N
Abrasion Resistance	ISO 10545 - 6	Report abrasion class and cycles passed	Class 3
Crazing Resistance	ISO 10545 - 11	Required	6 Bar Soaking time 2 jam No Crazyng
Resistance to Staining	ISO 10545 - 14	Minimum class 3	Passed
Resistan to Chemicals	ISO 10545 - 13	Required	Passed