



SINYIH CERAMIC (PENGLAI) CO., LTD.

NO.1 CHAMPION RD.PENGLAI ECONOMIC AND TECHNICAL
DEVELOPMENT ZONE ,PENGLAI CITY,SHANDONG
PROVINCE, CHINA

TEST REPORT

Product : Porcelain Tile 포슬린 타일
Test subject material : LAVA Series : E61401, E61403, E61406, E61408
Specification : 600x1201mm
Inspected date : 26-Dec-14
Issue date : 6-Jan-15

시험항목	시험방식	합격기준	CHAMPION 기준
Inspection Item	Inspection Method	Qualification	Champion Standard
Static Coefficient of Friction 정적 마찰계수(논슬립)	ASTMC1028	Dry: ≥ 0.5 Wet: ≥ 0.5	Dry: ≥ 0.5 Wet: ≥ 0.5
MOH's Hardness 모스 경도	EN-101-1992	—	7
Breaking Strength (MPa) 꺾임강도	ISO10545-4	≥ 35	≥ 40
Water Absorption 흡수율	ISO10545-3	$\leq 0.5\%$	$\leq 0.1\%$
Visible Abrasion Resistance 내마모성	ISO10545-7	Report abrasion class and cycles passed	PEI III
Substances Resistance of Chemical 내화학성	ISO10545-13	$\geq GB$	GLA
Forest Resistance 내동결성	ISO10545-12	Required	After 100 times of frost resistance tests,no crack is shown on the surface.
Resistance to stains 내오염성	ISO10545-14	≥ 3	5
Thickness 두께	ISO10545-2	$\pm 5.0\%$	$\pm 3.0\%$

100회
테스트 후
표면 크랙
발생 없음

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