

TEST REPORT

No. : XMCCM130300241

Date : Apr.25, 2013

Page: 2 of 10

General information:

The following tests have been requested, also according to EN 15285:2008 Agglomerated stone - Modular tiles for flooring and stairs (internal), CE harmonized standards for modular tiles for internal flooring and stairs:

- Apparent density and water absorption, according to EN 14617-1:2005
- Flexural strength, according to EN 14617-2:2008
- Slip resistance, according to EN 14231:2003
- Abrasion resistance, according to EN 14617-4:2005
- Impact resistance, according to EN 14617-9:2005
- Chemical resistance, according to EN 14617-10:2005
- Linear thermal expansion coefficient, according to EN 14617-11:2005
- Dimensional stability, according to EN 14617-12:2005
- Dimensions, geometric characteristics and surface quality, according to EN 14617-16:2005

Intend use:

Internal flooring and stairs

Summary of testing:

After testing, the tested items of the sample comply with the specified requirement of standard EN 15285:2008 and client's declaration of conformity.

***** To be continued*****

TEST REPORT

No. : XMCCM130300241

Date : Apr.25, 2013

Page: 3 of 10

Summary of test results:
(Average of results)

Test items	Test methods	Test results	Page
Apparent density	EN 14617-1:2005	2390kg/m ³	4
Water absorption	EN 14617-1:2005	0.02% Classification: W ₄	4
Flexural strength	EN 14617-2:2008	40.0MPa Classification: F ₄	5
Slip resistance (polished)	EN 14231:2003	SRV "dry": 80 SRV "wet": 17	5
Abrasion resistance (polished)	EN 14617-4:2005	20.2mm Classification: A ₄	6
Impact resistance	EN 14617-9:2005	3.73J	6
Chemical resistance	EN 14617-10:2005	Classification: C ₄	7
Linear thermal expansion coefficient	EN 14617-11:2005	20.4×10 ⁻⁶ /°C	8
Dimensional stability	EN 14617-12:2005	Class: A Maximum warping: 0.08mm	8
Dimensions, geometric characteristics and surface quality	EN 14617-16:2005	Tolerance: see the following Surface quality: No defects	9

***** To be continued*****

TEST REPORT

No. : XMCCM130300241

Date : Apr.25, 2013

Page: 4 of 10

1. Apparent density and water absorption

Test Method:

EN 14617-1:2005 Agglomerated stone - Test methods - Part 1: Determination of apparent density and water absorption

Specimens: Agglomerated stone, 50mm×50mm×20mm, 6pcs, one face polished

Test Result:

Specimens identification No.	1	2	3	4	5	6
Water absorption (%)	0.01	0.02	0.02	0.02	0.02	0.03
Arithmetic mean of the water absorption (%)	0.02					
Apparent density (kg/m ³)	2390	2390	2390	2390	2380	2390
Arithmetic mean of the apparent density (kg/m ³)	2390					

Classification: W_4^{nmb}

Note: $W_1 > 2.0\%$, $2.0\% \geq W_2 > 0.5\%$, $0.5\% \geq W_3 > 0.05\%$, $W_4 \leq 0.05\%$

***** To be continued*****