

## QUALITY INSPECTION TEST REPORT

EXTERIOR TERRAZZO: 600x600x20mm

DESCRIPTION	UNIT	OBSERVATION	SPECIFICATION
<b>VISUAL DEFECTS</b>			
Surface dent (Not more than 1 mm)	Trace	0	$\leq 1$
Surface crack (Not more than 20mm)	Trace	0	$\leq 1$
Crack and breakage of edge (Not more than 1mm deep)	Trace	0	$\leq 1$
		<b>TEST METHOD</b>	TCVN 7744:2013
<b>GEOMETRICAL DIMENSION</b>			
Side length deviation	%	0.18	$\leq 0.3$
Thickness deviation (Sample thickness < 40mm)	mm	0.52	$\pm 2$
Edge straightness	%	0.17	$\leq 0.3$
Surface flatness	%	0.11	$\leq 0.3$
Surface thickness	mm	8.15	
▪ For products that are not applied directly on substrate			$\geq 4$
▪ For products that are applied directly on substrate			$\geq 8$
		<b>TEST METHOD</b>	TCVN 7744:2013

## PHYSICOMECHANICAL PROPERTY

Abrasion strength  
(Mass loss method)

g/cm<sup>2</sup>      0.02      ≤ 0.4

**TEST METHOD**

TCVN 6065:1995

Bending strength

Mpa      0.9      > 9

**TEST METHOD**

TCVN 6415-4:2016

Compressive strength

Mpa      74      > 9

**TEST METHOD**

TCVN 3118-22

Water absorption  
(By mass)

%      0.14      -

**TEST METHOD**

TCVN 7744:2013

## FIRE RESISTANCE

GROUP A1

Specification

Integrity

Test duration

minute      240'

Critical temperature

°C      1055.2

Comment

After reaching test limit,  
the surface of the sample  
is not deformed or burned.

PASS

**TEST METHOD**

TCVN 9311-1:12  
(ISO 834-1:1999)

## QUALITY INSPECTION TEST REPORT

EXTERIOR TERRAZZO: 900x900x30mm

DESCRIPTION	UNIT	OBSERVATION	SPECIFICATION
<b>VISUAL DEFECTS</b>			
Surface dent (Not more than 1 mm)	Trace	0	$\leq 1$
Surface crack (Not more than 20mm)	Trace	0	$\leq 1$
Crack and breakage of edge (Not more than 1mm deep)	Trace	0	$\leq 1$
		<b>TEST METHOD</b>	TCVN 7744:2013
<b>GEOMETRICAL DIMENSION</b>			
Side length deviation	%	0.12	$\leq 0.3$
Thickness deviation (Sample thickness < 40mm)	mm	0.65	$\pm 2$
Edge straightness	%	0.23	$\leq 0.3$
Surface flatness	%	0.17	$\leq 0.3$
Surface thickness	mm	8.15	
▪ For products that are not applied directly on substrate			$\geq 4$
▪ For products that are applied directly on substrate			$\geq 8$
		<b>TEST METHOD</b>	TCVN 7744:2013

## PHYSICOMECHANICAL PROPERTY

Abrasion strength  
(Mass loss method)

g/cm<sup>2</sup>      0.18      ≤ 0.4

TEST METHOD

TCVN 6065:1995

Bending strength

Mpa      0.9      > 9

TEST METHOD

TCVN 6415-4:2016

Compressive strength

Mpa      74      > 9

TEST METHOD

TCVN 3118-22

Water absorption  
(By mass)

%      0.18      -

TEST METHOD

TCVN 7744:2013

## FIRE RESISTANCE

GROUP A1

Specification

Integrity

Test duration

minute      240'

Critical temperature

°C      1054.0

Comment

After reaching test limit,  
the surface of the sample  
is not deformed or burned.

PASS

TEST METHOD

TCVN 9311-1:12  
(ISO 834-1:1999)

## QUALITY INSPECTION TEST REPORT

EXTERIOR TERRAZZO: 500x500x20mm

DESCRIPTION	UNIT	OBSERVATION	SPECIFICATION
<b>VISUAL DEFECTS</b>			
Surface dent (Not more than 1 mm)	Trace	0	$\leq 1$
Surface crack (Not more than 20mm)	Trace	0	$\leq 1$
Crack and breakage of edge (Not more than 1mm deep)	Trace	0	$\leq 1$
		<b>TEST METHOD</b>	TCVN 7744:2013
<b>GEOMETRICAL DIMENSION</b>			
Side length deviation	%	0.11	$\leq 0.3$
Thickness deviation (Sample thickness < 40mm)	mm	0.24	$\pm 2$
Edge straightness	%	0.12	$\leq 0.3$
Surface flatness	%	0.12	$\leq 0.3$
Surface thickness	mm	8.15	
▪ For products that are not applied directly on substrate			$\geq 4$
▪ For products that are applied directly on substrate			$\geq 8$
		<b>TEST METHOD</b>	TCVN 7744:2013

**PHYSICOMECHANICAL PROPERTY****Abrasion strength**  
(Mass loss method)g/cm<sup>2</sup>      0.02      ≤ 0.4**TEST METHOD**

TCVN 6065:1995

**Bending strength**

Mpa      0.9      &gt; 9

**TEST METHOD**

TCVN 6415-4:2016

**Compressive strength**

Mpa      74      &gt; 9

**TEST METHOD**

TCVN 3118-22

**Water absorption**  
(By mass)

%      0.12      -

**TEST METHOD**

TCVN 7744:2013

**FIRE RESISTANCE**

GROUP A1

**Specification**

Integrity

**Test duration**

minute      240'

**Critical temperature**

°C      1058.2

**Comment**After reaching test limit,  
the surface of the sample  
is not deformed or burned.

PASS

**TEST METHOD**TCVN 9311-1:12  
(ISO 834-1:1999)

## INDEPENDENT FACTORY TESTING

STANDARD SLAB: 2440x1220x30mm

DESCRIPTION	LENGTH (cm)	WEIGHT (kg)	DURATION (min)
<b>BREAKING POINT</b>			
(Weight applied to 40cm unsupported overhang)	40	170	60
<b>CONCLUSION</b>	Slab supported 170kg cement bags at 40cm with no signs of cracking after 60 minutes.		

