

## TEST REPORT

No. : XMIN2310001181CM03-1\_EN

Date : 2023-12-01

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CUSTOMER NAME: ROYAL MANUFACTURE AND INVESTMENT JOINT STOCK COMPANY

ADDRESS: ROAD NO.8, NHON TRACH II INDUSTRIAL PARK, NHON PHU, HIEP PHUOC TOWN, NHON TRACH DIST., DONG NAI PROV., VIET NAM.

Sample Name : Porcelain Tile - Group Bla

Manufacturer : ROYAL MANUFACTURE AND INVESTMENT JOINT STOCK COMPANY

Other Information : Paver

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

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Date of Receipt : 2023-10-11

Testing Period : 2023-10-11 ~ 2023-10-20

Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services Co.,Ltd. Xiamen Branch.

Bryan Hong  
Authorized signatory



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### Summary of Results:

No.	Test Item	Test Method	Result
1	Abrasion Resistance of Glazed Ceramic Tile	ASTM C1027-09	Class IV
2	Mohs' Hardness	EN 15771:2010	9

### Original Sample Photo:



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1. Test Item: Abrasion Resistance of Glazed Ceramic Tiles

Sample Description: See photo

Test Method: ASTM C1027-09

Test Condition:

Specimen: 110mm×110mm, 11pcs

Testing surface: glazed surface

Test Result:

Specimen No.	1	2	3	4	5	6	7	8	9	10	11	Class
Revolutions	100	150	600	750	900	1000	1200	1500	2100	6000	12000	Class IV
Failure visible	No	No	No	No	No	No	No	No	No	Yes	Yes	

2. Test Item: Mohs' hardness

Sample Description: See photo

Test Method: EN 15771:2010

Test Condition:

Specimen: 100mm×100mm, 3pcs

Testing surface: see photo

Test Result:

Specimen No.	1	2	3
No scratch	9	9	9
Scratch	10	10	10
Mohs' hardness	9		

Scale: 1- Talc; 2- Gypsum; 3- Calcite; 4- Fluorspar; 5- Apatite; 6- Feldspar; 7- Quartz; 8- Topaz; 9- Corundum; 10- Diamond.

Note: This test report updates Sample Name, supersedes the test report No. XMIN2310001181CM03\_EN dated 2023-11-07, original report will be invalid from today.

\*\*\*\*\*End of report\*\*\*\*\*



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