



Central Laboratory of the Tehran Sand and Gravel Association

Laboratory approved by the General Office of Standards of Tehran Province
License No. 993 /T

Trade Name: **Fargah Design/Fargah pressed stone**
Address: **Alborz- karaj- kian shahr- mehregan square- Azadi street- district 1**
Product : **Building facade stone**
Material: **Consists of Powder Aggregate Pressed**
Standard Reference: **National Standard No.775 Iran- ASTM C170- ASTM D3967**
Sample : **400*400*30**
HS code for Export **681019**
Receipt Date: **1404/03/28**
Test Date: **1404/03/31**
Report Date: **1404/05/11**

No.	Test Description				Result	Acceptable limits	Test Method
1	Dimensions (mm)	1-1- Length	min.	399	-1.2 mm	Clause 2-5	
			max.	399	+ 1.2 mm		
		1-2- Width	min.	399	-1.2 mm		
			max.	399	+1.2 mm		
		1-3- Thickness	min.	29.0	-2 mm		
			max.	29.0	+2 mm		
2	Smooth Upper Face (mm)	Concavity	0.8	±1.2 mm	Clause 5-2		
		Convexity	0.1				
3	Flatness of the facede Surface (mm)	Concavity	0.3	±1.2 mm	Clause 5-2		
		Convexity	0.1				
4	Flexural Strength (Mpa)	4-1- Avg.	6.0	≥5	Clause 5-2		
		4-2- Individual	5.5	≥4			
5	Abrasion by wide wheel(mm)		11.0	≤20	Clause 6-5		
6	Water Absorption (%)		4.6	—	—		
7	Surface Water Absorption (gr/cm ²)		0.6	≤6	Clause 5-2		
8	Compressive Strength (Mpa)	8-1- Avg.	35.0	—	—	ASTM C170	
		8-2- Individual	34.0	—			
9	Brazilian resistance (Mpa)	9-1- Avg.	4.4	—	—	ASTM D3967	
		9-2- Individual	2.8	—			

Sampling location: The Sample is Sent from the Employer.

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