



NIAGRA ROCK FACE

Techincal Information

Flat panel: 6" x 24"
Corner: 6" x 6" x 18"
Thickness: .75" -1.25"
Approx.: 8 – 10 lbs

Type: QuartziteFinish: Rockface

Packaging

- Panels: 4 pcs/ box; 192 pcs/crate- Corners: 4 sets/box; 192 sets/crate

Color: Silver shine

Application: Interior and Exterior Vertical

Adhesive

- Exterior Application: A Flexible latex based mortar system suitable for the stone is recommended
- Interior Application: A Thinset mortar suitable for the stone is recommended.
- Mortars should resemble stone color

Substrates

- Exterior
 - o Fully Cured Concrete (28 Days Cured)
 - o Masonry Brick
 - Regular Brick
 - Cement Mortars
 - o Cementitious Backer Units
- Interior
 - o Gypsum Plaster (max 10' high)
 - o Gypsum Wallboard (max 10' high)
 - Exterior grade plywood (max 10' high)
 - Cementitious Backer Units

FLEXURAL STRENGTH/MODULUS OF RUPTURE N/mm2

	DRY		WET		ASTM STANDARDS
S.NO.	PARALLEL TO	PERPENDICULAR	PARELLEL TO	PREPENDICULAR	
	RIFT	TO RIFT	RIFT	TO RIFT	
1	44	40	46	29	
2	42	39	45	28	C-99
3	43	41	44	27	
AVERAGE	43	40	45	28	
VALUE	43	40	43	20	

COMPRESSIVE STRENGTH N/mm2

	DRY		WET		ASTM STANDARDS
S.NO.	PARALLEL TO	PERPENDICULAR	PARELLEL TO	PREPENDICULAR	
	RIFT	TO RIFT	RIFT	TO RIFT	
1	170	94	137	80	
2	169	95	138	78	C-170
3	168	96	136	79	
AVERAGE VALUE	169	95	137	79	

ABRAISON (RESISTANCE TO WEAR)

CHARACTERISTICS	VALUE	ASTM STANDARDS
Average Wear .mm	2.4	IS 1237
Maximum Wear On Individual Specimen.mm	2.7	GUIDELINES

TECHNICAL INFORMATION	VALUE	ASTM STANDARDS
Water absorption % by weight	0.6%	C-97
Density (bulk specific gravity)	2.40	C-97

FREEZE THAW TEST	TEST STANDARD	OBSERVATION
-18°C TO +32°C FOR 8 HOURS. 5 CYCLES	ASTM D-5312-04	SPECIMEN NOT SHOWING SPLITTING OR DISINTIGRATION