



NIAGRA SPLITFACE

Technical Information

- Flat panel: 6" x 24"
- Corner : 6" x 6" x 18"
- Thickness: 0.5-0.75"
- Approx.: 6 – 8 lbs
- Type : Quartzite
- Finish : Splitface

Packaging

- Panels: 6 pcs/ box; 288 pcs/crate
- Corners: 6 sets/box; 288 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
 - Fully Cured Concrete (28 Days Cured)
 - Masonry Brick
 - Regular Brick
 - Cement Mortars
 - Cementitious Backer Units
- Interior
 - Gypsum Plaster (max 10' high)
 - 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 RIFT	PERPENDICULAR TO RIFT	PARELLEL TO RIFT	PREPENDICULAR TO RIFT	C-99
1	44	40	46	29	
2	42	39	45	28	
3	43	41	44	27	
AVERAGE VALUE	43	40	45	28	

COMPRESSIVE STRENGTH N/mm²

	DRY		WET		ASTM STANDARDS
S.NO.	PARALLEL TO RIFT	PERPENDICULAR TO RIFT	PARELLEL TO RIFT	PREPENDICULAR TO RIFT	C-170
1	171	94	139	80	
2	169	95	137	78	
3	170	96	138	79	
AVERAGE VALUE	170	95	138	79	

ABRAISON (RESISTANCE TO WEAR)

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

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