

Portuguese collection













WALL TILES

FLOOR TILES

MATT FINISH

SIZE: 300 x 300mm

Technical Specification



Long Durability



Hygienic Surface



Easy to Clean



Fire Resistance



Impact Resistance



Chemical Resistance



Frost Resistance

Easy

Installation



Low Water Absorption



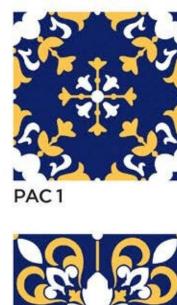
Dimensional Stability



Thermal Shock Resistance



Crazing Resistance

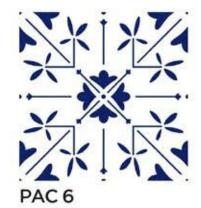
















PAC 5





PAC 10























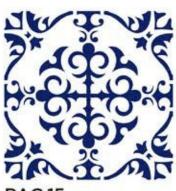


































FLOOR TILES

300 x 300mm











PAC 27





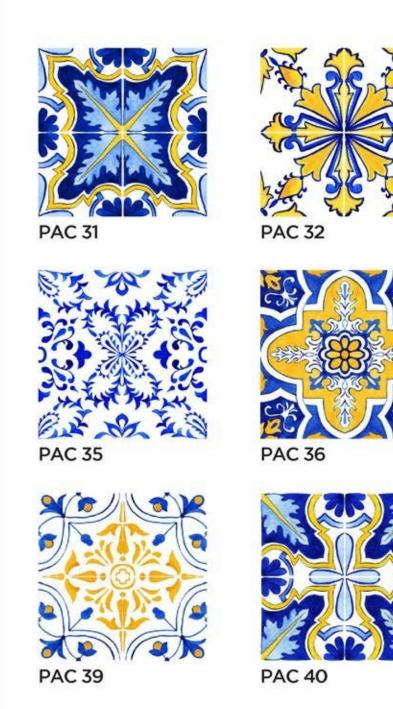




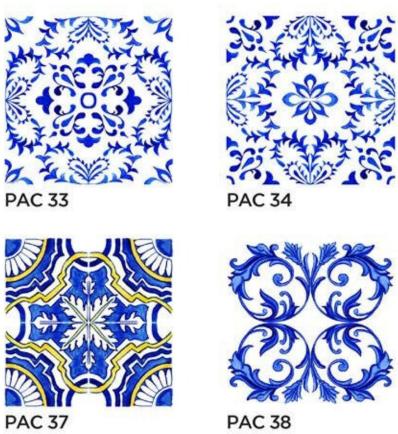
PAC 30







300 x 300mm













PAC 43

















300 x 300mm





300 x 300mm





PAC 58



PAC 57











NDOOR USE









PAC 62



Technical Specification



| Kind Of Test | Test Method | Requirement As per IS 156222, Table 5, Group BIII, N≥ 20cm | Result | |
|------------------------------------|-----------------|--|---------------------------|--|
| deviation in length & width | IS 13630-1:2019 | ±0.2% | Avg 0.17 % / Avg 0.51mm | |
| deviation in thickness | IS 13630-1:2019 | ±5% | Avg -0.34 % / Avg -0.03mm | |
| deviation in straightness of sides | IS 13630-1:2019 | ±0.15% | Max ±0.08 % / Max ±0.25mm | |
| deviation in rectangularity | IS 13630-1:2019 | ±0.2% | Max ±0.09 % / Max ±0.28mm | |
| deviation in surface flatness | IS 13630-1:2019 | ±0.3% | Max 0.08 % / Max 0.33mm | |
| deviation in edge curvature | IS 13630-1:2019 | ±0.3% | Max 0.10 % / Max 0.29mm | |
| surface quality | IS 1363Q-1:2019 | 95% min | 100% | |



| Kind Of Test | Test Method | Requirement | Result |
|---|-------------------------------------|-------------------------------|--------------------------------------|
| scratch hardness of surface moh's scale | IS 13630-1:2019 | 3 moh's scale,min | 3 moh's scale |
| water absorption | IS 13630-2:2019 | Average >10%. | Average 14.78% |
| moisture expansion surface abrasion | IS 13630-3:2019 IS 13630-11:2019 | 0.04 mm/m,max class II,min | 0.034 mm/m class II ,600 rpm pass |



| Kind Of Test | Test Method | Requirement | Result | |
|--------------------------|------------------|--------------------------------|---------------------|--|
| breaking strength in N | IS 13630-6:2019 | 600 min for thickness ≥ 7.5 mm | average 635.19 N | |
| modulus of rupture (MOR) | IS 13630-6:2019 | 12 min for thickness ≥ 7.5 mm | average 15.03N/ mm² | |
| impact resistance (COR) | IS 13630-14:2019 | 0.55, min | 0.57 | |



Thermo photo characteristics

| Kind Of Test | Test Method | Requirement | Result |
|--|-----------------|-------------------------|-----------------------|
| thermal shock resistance | IS 13630-5:2019 | 10 cycle,min | fully resistance |
| coefficient of liner thermal expansion | IS 13630-4:2019 | 9X10 ⁻ 6 max | 4.83x10 ⁻⁶ |
| crazing resistance | IS 13630-9:2019 | 4 cycle @ 7.5 bar, min | fully resistance |



| Kind Of Test | Test Method | Requirement | Result | |
|---|-----------------|----------------------------------|---------|--|
| Stain Resistance (a) methylene blue 10g/I (b) potassium permanganate chemical resistance house hold | IS 13630-8:2019 | class-1, min class-1, min | class 1 | |
| chemical & swimming pool salt | IS 13630-8:2019 | class AA min | GAA | |
| concentrations acid & alkali a) hydrochloric acid solution 3% v/v | | required, if agreed according | GLAA | |
| b) citric acid soln. 100gm/L | IS 13630-8:2019 | to the chemical resistance class | GLAA | |
| c)potassium hydroxide soln. 200gm/L | | indicate by the manufacturer | GLAA | |

DOMESTIC PACKING DETAILS

| Dimensions | Thickness | Pieces Per Box | Coverage Area | | Box Weight |
|------------|-----------|-------------------|---------------|---------|-------------|
| (mm) | (mm) | | (sqm.) | (sqft.) | (kg) |
| 300x300 | 9.5 | 11 | 0.99 | 10.65 | 16 (approx) |

NOTE:

- · Colours in the catalogue are as accurate as printing process allows. Please check actual tile sample before making the final selection.
- Sizes mentioned in the catalogue are nominal sizes only.
- For better laying. Please follow the instructions on the packaging box.
- Please make sure to check the shade/finish with the sales agent/ dealer making the final purchase because there might be variation in actual finish that shown in the catalogue. The company will not bear any loss in such case.

PRODUCTS



FLOOR TILES, WALL TILES, ELEVATION TILES, PARKING TILES, LABORATORY TILES, ROOF TILES, PEBBLE TILES, FULL BODY SLABS, QUARTZ SLAB & SPC FLOORING

GRANITES, MARBLES, SANDSTONES, ELEVATION STONES

TILES ADHESIVE & CHEMICALS,
FLOORING ACCESSORIES
MATERIALS

MODERN SANITARYWARE ELEGANT CP BATHROOM, KITCHEN FIXTURES & FITTINGS

