

Characteristics	Wall Tiles IS 13753/EN-159 B III Group B III	SUNGACIA Value
<b>A] DIMENSION &amp; SURFACE QUALITY</b>		
1) Deviation in Length & Width	± 0.5 %	± 0.10 %
2) Deviation in Thickness	± 5.0 %	± 4.00 %
3) Straightness Of Sides	± 0.5 %	± 0.20 %
4) Rectangularity	± 0.6 %	± 0.20 %
5) Surface Flatness	± 0.5 %	± 0.20 %
6) Surface Quality	Min 95% of tiles should be free from visible defects	Above 95% of tiles free from visible defects
<b>B] PHYSICAL PROPERTIES</b>		
1) Water Absorption	> 10%	> 12%
2) Modulus of Rupture	≥ 150 KG/CM <sup>2</sup>	> 180 KG/CM <sup>2</sup> (Avg.)
3) Scratch Hardness	Min 3 Mohs	≥ 4 Mohs
4) Crazeing Resistance	1 Cycle	Passes 3 Cycles
<b>C] CHEMICAL PROPERTIES</b>		
1) Staining Resistance	Min Class 2	Resistance
2) Household Chemicals	Min Class B	Resistance
<b>D] THERMAL PROPERTIES</b>		
1) Thermal Shock Resistance	10 Cycles	Resistance
2) Thermal Expansion	≤ 9 X 10 <sup>-6</sup>	≤ 7.5 X 10 <sup>-6</sup>

Exclusive Application of our all Product	
	
	
	
	
	
	

## FIXING WALL TILES



### Wall Requirement

The wall should be Strong, Flat, Clean and Dry. If the tiling has to be done on plywood, the surface of wall should be sealed with 50% Volume mixture of PVA and Water



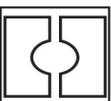
### Tiles Laying

First of all, apply the high quality ceramic adhesive on the wall and place first tile in the corner. Apply even pressure on the four corner of the tile to ensure sticking. Fill the area of wall that can be filled with the tile without cutting and leave it for at least 12 hours. Fill the rest of area with the measure and cut tiles.



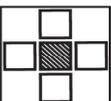
### Applying Grout

The grouting is done on the next day. Apply the grout diagonally between the tiles using a sponge to fill the gaps between the tiles. Clean and wipe the surplus grout with a sponge.



### Hole Cutting

To pass the pipe through the tile, the tile should be cut in a specific manner. Mark the position on the tile which the tile will occupy. Draw a straight line passing through the center of the circle, cut the tile on the drawn cut the semi circle on each of the half and when these two halves are placed together it will form hole.



### Accessory Tile Fitting

While laying the normal tiles, keep an empty space where an accessory tiles will be fitted. Apply the adhesive on the back of accessory tiles and apply even pressure to place the accessory tiles.



### Tiles Preparation

Mix the tiles from different cartoon which will help in fine blending of shades.



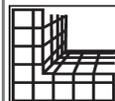
### Tamping Process

To ensure the proper contact of tiles with the wall, tamp the tile with a rubber mallet evenly.



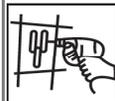
### Curve Cutting

To fit the tiles in a curved surface of washbasin etc. measure and mark the curve in cardboard and place the cardboard on the tile before cutting.



### Windows Recess tilling and cutting

Tile has to be cut "L" shape for window recess. Cut a line from center to edge and then draw a right angle line vertical down. Cut the line to get on "L" shape that can fit in a window.



### Tiles Drilling

Apply masking tape to cover the area to be drilled. Mark the position of hole and drill the hole with lowest possible pressure on the drill.

NOTE : Certain amount of size and shade variation is inherent in all ceramic product \* Our conformity to the above standards is applicable only for the Premium Quality \* Colours shown are as accurate as the limitations of the printing process will allow \* Prospective customers are advised to inspect a sample of the tile before ordering \* Every effort has been made to ensure the accuracy of the information given \* However, the company reserves the right to change the specification without prior notice \* sometimes variations in shade or size being inherent to ceramic industry may occur. it is suggested to check the tiles before purchase and laying as the company does not accept responsibility once the tiles are laid.