

SOME GUIDENCE ABOUT COMMONLY AFFECTED STAINS

SR. NO.	SUBSTANCE	NANO TREATED SURFACE	REGULAR SURFACE
A. DOMESTIC AREA			
1.	Green Vegetable Stain	Wet Cotton Cloth	Mild Detergent
2.	Fruits Stain	Wet Cotton Cloth	Mild Detergent
3.	Dal-samber	Wet Cotton Cloth	Citric Acid / Nimbbu
4.	Curry	Wet Cotton Cloth	Citric Acid / Nimbbu
5.	Tomato Sauce	Wet Cotton Cloth	Citric Acid / Nimbbu
6.	Soya Sauce	Wet Cotton Cloth	Mild Detergent / Citric Acid / Nimbbu
7.	Edible Oil	Wet Cotton Cloth	Baking Soda / Mild Detergent / Acetone / Turpentine
8.	Sindur-oil Mix	Wet Cotton Cloth	Baking Soda / Mild Detergent / Acetone / Turpentine
9.	Ghee	Wet Cotton Cloth	Baking Soda / Mild Detergent / Acetone / Turpentine
10.	Tea	Wet Cotton Cloth	Mild Detergent / House Hold Cleaner
11.	Coffee	Wet Cotton Cloth	Mild Detergent / House Hold Cleaner
12.	Cold Drinks	Wet Cotton Cloth	Mild Detergent
13.	Wax	Wet Cotton Cloth	Paint Remover
14.	Lead Pencil	Wet Cotton Cloth	Plain Water / Hydrochloric Acid
15.	Normal Color Pencil	Wet Cotton Cloth	House Hold Detergent
16.	Wax Pencil	Wet Cotton Cloth	Paint Remover
17.	Water Color	Wet Cotton Cloth	Plain Water
18.	Marker	Wet Cotton Cloth	Dilute Sulphuric Acid
19.	Nail Polish	Neil Polish Remover	Nail Polish Remover
20.	Shoe Polish Liquid Stain	Wet Cotton Cloth	House Hold Detergent
21.	Cherry Shoe Polish	Wet Cotton Cloth	Wet Cotton Cloth
22.	Hair Dye	Dilute Nitric Acid	Dilute Nitric Acid
23.	Mehendi	Dilute Hydrochloric Acid	Dilute Hydrochloric Acid
24.	Lipstick	Wet Cotton Cloth	Hydrogen Peroxide / House Hold Cleaner
25.	Ink	Wet Cotton Cloth	Acetone / Turpentine / Trichloroethylene
B. MISCELLANEOUS PLACE			
1.	Paints	Wet Cotton Cloth	Paint Remover / Methyl Ketone / Toluene
2.	Epoxy / Resin	Wet Cotton Cloth	Trichloroethylene / Dichloro Methane
3.	Glue	Wet Cotton Cloth	Acetone / Turpentine
4.	Rust	Wet Cotton Cloth	Hydrochloric Acid
5.	Tar	Wet Cotton Cloth	Trichloroethylene / Methyl Ethyl Ketone
6.	Tyre Mark	Wet Cotton Cloth	Methyl Ethyl Ketone
7.	Cement	Wet Cotton Cloth	Hydrochloric Acid
8.	Blood	Wet Cotton Cloth	Dilute Nitric Acid
9.	Grease	Wet Cotton Cloth	Detergent
10.	Mobil Oil	Wet Cotton Cloth	Detergent
11.	Methelene Blue	Wet Cotton Cloth	Phosphoric Acid / Hydrochloric Acid

* immediate cleaning action is the best way
N.B. : CHEMICALS REFERENCE ARE FOR FIRST AID SUGGESTION FOR ANY DETAIL PLEASE CONTACT COMPANY PERSONNEL.

APPLICATION



SPECIFICATION OF WINASA CERAMICA

	CHARACTERISTIC	STANDARD AS PER ISO-13006/ En14411 GROUP Bla	MEAN VALUE OF WINASA CERAMICA	TEST METHOD
A. Regulatory Properties				
	Deviation In Length & Width	±0.50%	±0.10%	ISO 10545-2
	Deviation In Thickness	±5.00%	±2.00%	ISO 10545-2
	Straightness of Sides	±0.50%	±0.10%	ISO 10545-2
	Rectangularity	±0.50%	±0.10%	ISO 10545-2
	Surface Flatness	±0.50%	±0.10%	ISO 10545-2
	Color Difference	Unaltered	No Change	ISO 10545-16
	Glossiness	As Per Manufacturer	Min 70%	Glossometer
B. Structural Properties				
	Water Absorption	≤ 0.50%	≤ 0.05%	ISO 10545-3
	Apparent Density	> 2.00 gm/cc	> 2.28 gm/cc	DIN 51082
C. Massive Mechanical Properties				
	Flexural Modulus Of Rupture	Min 35 N/mm ²	Min 40 N/mm ²	ISO 10545-4
	Flexural Breaking Strength	Min 1300 N	Min 2000 N	ISO 10545-4
	Impact Resistance	As Per Manufacturer	Min 0.55	ISO 10545-5
D. Surface Mechanical Properties				
	Deep Abrasion Resistance	Max 175 mm ³	Max 132 mm ³	ISO 10545-6
	Moh` s Hardness	Min 6	8*	EN 101
E. Thermo Hydrometric Properties				
	Frost Resistance	No Damage	Frost Proof	ISO 10545-12
	Thermal Shock Resistance	No Damage	No Damage	ISO 10545-9
	Moisture Expansion	Nil	Nil	ISO 10545-10
	Thermal Expansion	Max 9.00 x 10 ⁻⁴	Max 6.50 x 10 ⁻⁴	ISO 10545-8
F. Chemical Properties				
	Chemical Resistance	No Damage	No Damage	ISO 10545-13
	Stain Resistance	Resistant	Resistant	ISO 10545-14
G. Safety Properties				
	Slip Resistance (Friction Co-Efficient)	>0.40	>0.40	ISO 10545-17

Packing Detail					
SR. NO.	Nominal Size	Nominal Thickness	No. Tiles per Box	Coverage Area per Box	Weight Per Box
1	600x1200 mm	9.0 mm (Approx.)	2 Pcs.	15.50 Sq. Ft. / 1.44 Sq. Mtr.	28.0 Kg. (Approx.)
2	800x800 mm	9.0 mm (Approx.)	2 Pcs.	13.78 Sq. Ft. / 1.28 Sq. Mtr.	39.0 Kg. (Approx.)
2	600x600 mm	8.5 mm (Approx.)	4 Pcs.	15.50 Sq. Ft. / 1.44 Sq. Mtr.	26.5 Kg. (Approx.)
2	200x1200 mm	9.0 mm (Approx.)	5 Pcs.	12.9 Sq. Ft. / 1.2 Sq. Mtr.	25.0 Kg. (Approx.)

DISCLAIMER : Winasa ceramica reserves the right to delete & amend either totally or partially, any of the colors, shames,sizes,references and other technical specifications contained in this catalogue at anytime, the colors shown of tiles in this catalogue are purely illustrative and limited to printing process, please refer actual sample before final selection, the details of size, colors, references should be varified for typographical errors