

PART - C TEST RESULTS

Sl. No.	Tests	Test Method	Unit	Results Obtained
1.	Density	ASTM D792	g/cc	1.67
2.	Rockwell Hardness	ASTM D2240	M-Scale	108
3.	Tensile Strength	ASTM D638	MPa	24.9
4.	Elongation at Break		%	0.16
5.	Tensile Modulus		MPa	11700
6.	Flexural Strength	ASTM D790	MPa	43.64
7.	Flexural Modulus		MPa	7440
8.	Compressive Strength	ASTM D695	MPa	101
9.	Izod Impact Strength (Un-Notched)	ASTM D256	J/m	39.08
10.	Water Absorption	ASTM D570	%	0.05
11.	Heat Deflection Temperature@ 1.82 MPa	ASTM D648	°C	57.3
12.	High Temperature Resistance (100°C for 30 minutes)	As Per Customer Requisition	--	Visually no Changes Observed
13.	Boil Water Resistance		--	Visually no Changes Observed
14.	Dry Heat Resistance	ISO 19712	--	Visually no Changes Observed
15.	Wet Heat Resistance		--	Visually no Changes Observed



Corporate Office | No.25, Jawahar Street, Gandhinagar,
Near Anna Bus Stand, Madurai - 625020.

Factory | Madurai, Tamilnadu

+91 92442 23334 | 94422 53245

hyniixsolidsurface@gmail.com

www.hyniix.com

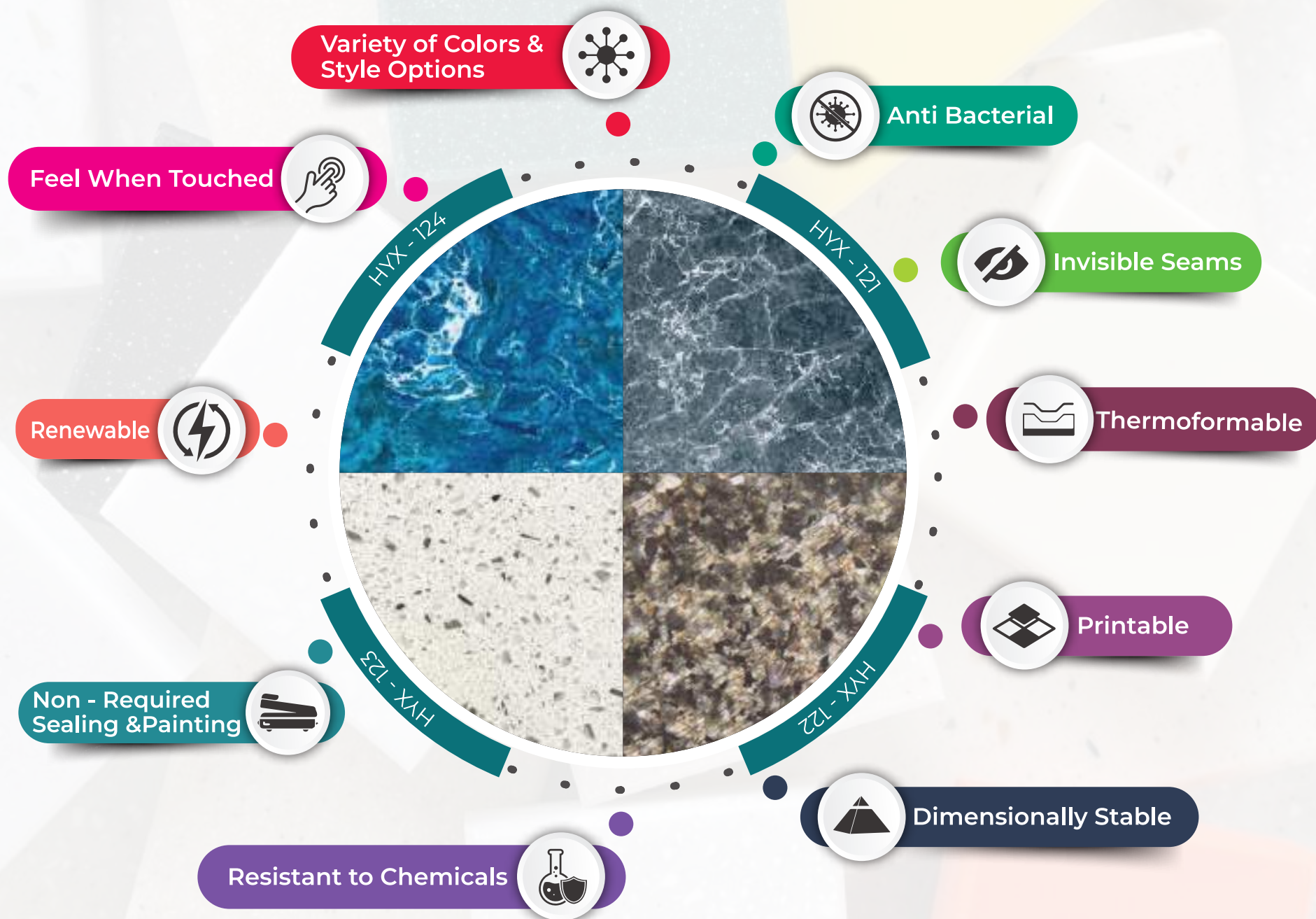


KITCHEN & BATH
COUNTER TOP PRODUCTS



ABOUT

Acrylic solid surface is a popular material used for kitchen countertops due to its durability, hygiene, thermo formable, non-inflammable, no-toxic, non-porous and environmentally friendly properties.



What are the Advantages of Acrylic Solid Surface?

Solid Surface is an artificial material. Most of the time, it is used to put in seamless countertops. The most widely recognized applications for acrylic solid surface are consistent ledge establishments, sanctuaries, restroom vanities, and other comparative ventures. Using the exact cutting, steering and sanding methods as wood, acrylic solid surface can be quickly framed into ledges, shower walls, and outside cladding for structures, signage and furniture where non-porosity and inconsistent support are essential. It may be warmed and thermoformed well into bent and formed shapes, making it as functional as hardwood



HYX - 101



HYX - 102



HYX - 103



HYX - 104



HYX - 105



HYX - 106



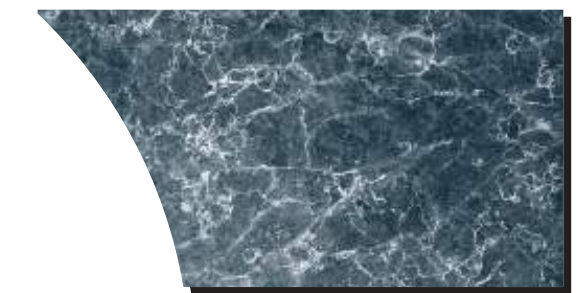
HYX - 107



HYX - 108



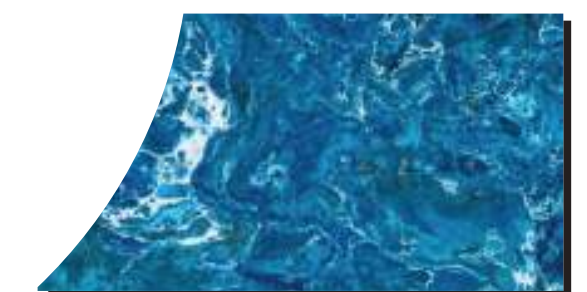
HYX - 109



HYX - 110



HYX - 111



HYX - 112



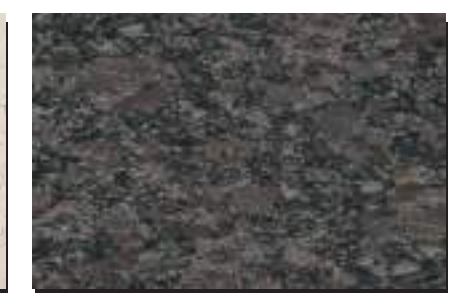
HYX - 113



HYX - 114



HYX - 115



HYX - 116



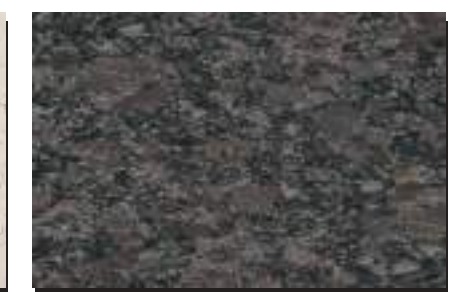
HYX - 117



HYX - 118



HYX - 119



HYX - 120