STONIM®

Premium Acrylic Solid Surface | Manufacturer & Supplier

TECHNICAL DATA SHEET

www.stonim.com

PRODUCT OVERVIEW

STONIM® is a Premium Acrylic Solid Surface sheet produced on German automated manufacturing lines. It is non-porous and the same all the way through, so it can be thermoformed and joined with seamless joints. STONIM® is supplied and fabricated in the UAE for hospitals, clinics, schools, hotels, retail, offices and villas across the UAE, GCC and export markets.

SHEET SIZES

Thickness	Size (mm)	Availability
6 mm	760 x 2440	In stock (mainly solid colours)
12 mm	760 x 2440 / 760 x 3660	In stock
18 mm	On request	Not stocked

6 mm is not offered in Marble, Aspeon or Terrazzo.

COLOURS & COLLECTIONS

About 70 colours in 8 collections:
White • Marble • Terrazzo • Crayons • Neons • Aspeon • Pebblon • Pearl
Colour names and codes as per the STONIM® brochure.
Samples are available at our showroom.

TECHNICAL SPECIFICATIONS – TYPICAL VALUES

Property	Test method	Unit	Typical result
Density	ASTM D-792A	g/cm^3	1.70 – 1.75
Flexural Strength	ASTM D-790	psi (min.)	10,000
Water Absorption	DIN EN 438-12	%	< 0.1
Hardness	ASTM D-2583	Barcol	60 – 65
Thermal Expansion	ASTM D-696	×10^{-5}/°F	2.1
Oxygen Index (LOI)	ASTM D-2863	%	38
Tensile Strength	ASTM D-638	psi	6,000 – 6,500
Elongation	ASTM D-638	%	0.4
Ball Impact	NEMA LD 3	0.5 lb ball	No fracture (6 mm: 36″ · 12 mm: 144″)
Wear Resistance	ASTM D-4060	g / 1000 cyc.	0.05
Gloss (60°)	NEMA LD 3	Gardner	5 – 20
High Temperature	NEMA LD 3	–	No visual change
Boiling Water	NEMA LD 3	–	No visual change
Stain Resistance	ANSI Z124	–	Pass (rating 41)
Flame Retardancy	DIN 4102-1	–	Class B1
Cigarette Burns	DIN 68861-6	–	No visual change
Fungi & Bacteria	ASTM G21 & G22	–	Does not support microbial growth

Typical values for guidance only. Tests were carried out on sheets from our manufacturing facility in India; test reports are available on request.

CERTIFICATIONS & TESTING

Sheet (held by our manufacturing facility in India): ISO, SGS, Greenguard, TÜV, NSF, ISSFA, CE.
Fabrication & installation: Tahani Al Bahir Contracting LLC, Dubai – ISO 9001, ISO 14001, ISO 45001.
Copies of certificates are available on request.

FABRICATION

- In-house fabrication factory in Umm Al Quwain
- In-house thermoforming for curves and bends
- Seamless joints for a clean, hygienic finish
- Can be cut, routed and shaped with woodworking tools

APPLICATIONS

Vanity tops • Wash basins • Reception and cashier counters • Kitchen, pantry and café counters • Wall and column cladding • Shower and lift floors

WARRANTY & CARE

Warranty: 10 years on sheets, 1 year on workmanship.
Care: Clean with warm water and mild soap or a non-abrasive cleaner. Use a trivet under hot pots and a board for cutting.

Jugal Trading Co. LLC – Sheet supply

Quotes within 24 hours

Showroom & warehouse: Warehouse 10, Street 3, Ras Al Khor Industrial Area 2, Dubai | PO Box 124681
WhatsApp +971 50 128 9100 | Office +971 4 331 6600 | info@stonim.com | www.stonim.com

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