

CHARCOPANEL



THICKNESS
5mm

EXTERIOR
GRADE

GLO
SPICE UP YOUR SURFACES
PANELS & PLANKS

CHARCOPANEL

They are decorative panels that are used in designing upscale residential and commercial projects. These panels are a mixture of Charcoal and Polystyrene proportionately. Charcoal incorporates strength to the product whereas Styrofoam made from recycled Thermocol (EPS and HIPS) makes the product resistant to warping. In addition, these panels are waterproof and fire retardant. They can be used on inside as well as outside surfaces and can be painted also.

Thickness: **5mm**

TECHNICAL DETAILS

Size:
See below the product image

Raw Material:
Charcoal + Polystyrene

CHARCOPANEL

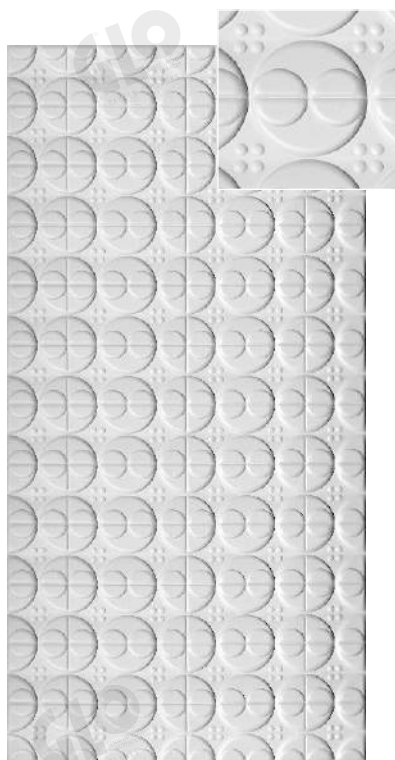
- Water Proof • Fire Retardant • Termite Proof
- | * Size, Thickness & Colour may vary from panel to panel.

*Company recommends to use Fevicol Pro Bond / Araldite for Application.

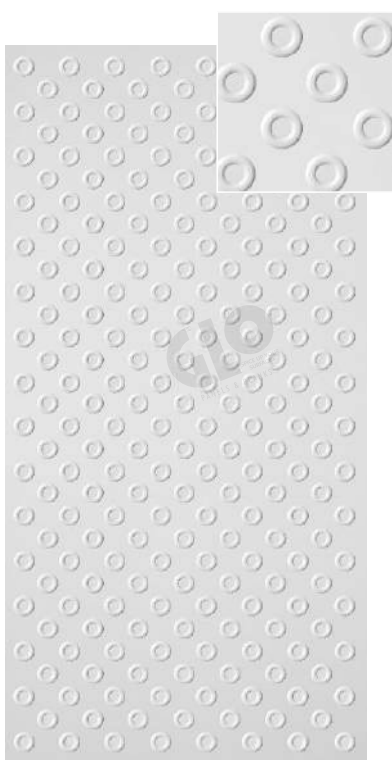


Technical Specification

Sr. No.	Test	Tests Method	Test Result
1	Density kg/m ³	IS: 2380 (P-3)1997	552
2	Moisture Content, %	IS: 2380 (P-3)1997	0.33
3	Water Absorption, % a) 2 Hours b) 24 Hours	IS: 2380 (P-16)1997	0.12 0.35
4	Thickness swelling, % After 2 hours	IS: 2380 (P-17)1997	0.16
5	Modulus of rupture N/mm ²	IS: 2380 (P-4)1997	More than 8.0
6	Modulus of Elasticity, N/mm ²	IS: 2380(P-4)1997	868
7	Tensile Strength, N/mm ²	IS: 2380(P-6)1997	10.9
8	Screw withdrawal strength N a) Face a) Edge	IS: 2380(P-14)1997	1513 982
9	Nail withdrawal Strength N a) Face a) Edge	IS: 2380(P-14)1997	1147 870
10	Screw holding test	IS: 2380(P-14)1997	Satisfactory
11	Nail holding test	IS: 2380(P-14)1997	Satisfactory
12	Flexure test	IS: 4020(P-5)1998	Passes the test
13	Edge loading test	IS: 4020(P-6)1998	Passes the test
14	Shock resistance test (5 kgf)	IS: 4020(P-7)1998	Passes the test
15	Water resistance test (60 ± 2°C for 3 hrs)	IS: 1734(P-4)1983	Passes the test
16	Knife test	IS: 4020(P-13)1998	Passes the test
17	Resistance to stain	IS: 12823:1990	Passes the test
18	Resistance to crack	IS: 12823:1990	Passes the test
19	Resistance to steam	IS: 12823:1990	Passes the test
20	Resistance to cigarette burn	IS: 12823:1990	Passes the test
21	Spot test	IS: 1659:2004	Passes the test
22	Mycological test	IS: 1734(P-7):1983	Passes the test
23	Humidity test(varying) At 27± 2°C & 30 ± 5% RH (for one week) & 27± 2°C & 85 ± 5% RH (for one week) (size:- 300 x 300 mm)	IS: 4020(P-11):1983 Guideline	Length - 0.04mm Thick - 0.02mm
24	Thickness, mm	IS: 2380(P-2):1977	8.33
25	Squareness, mm	IS: 2380(P-2):1977	0.02
26	Edge straightness test, mm	IS: 2380(P-2):1977	0.02
27	Retention of Preservation		Passes the test
28	Softening Point, °C		115
29	Heat deflection temp, °C	IS: 1734(P-2)	130
30	Work ability test		Satisfactory
31	Fire point °C		382



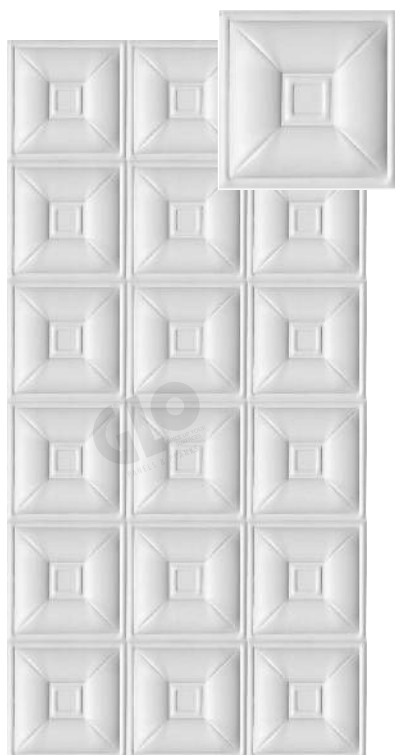
7701 - SIZE: 91" x 46" - 5mm
Weight: 8 kg



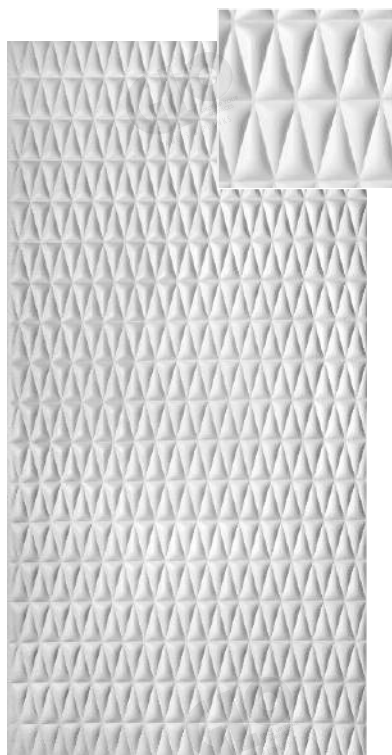
7702 - SIZE: 92" x 45" - 5mm
Weight: 7.2 kg



7703- SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



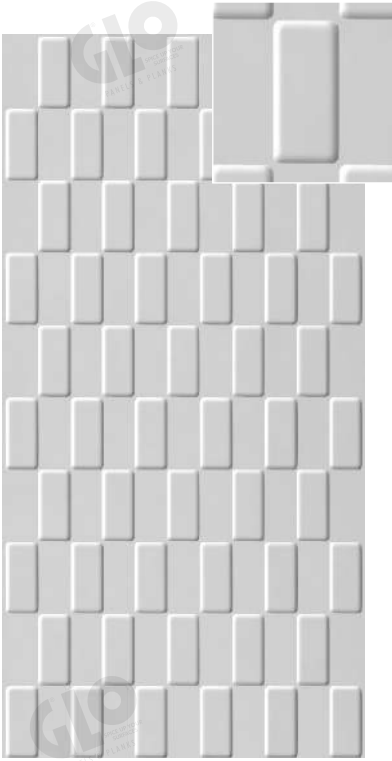
7704 - SIZE: 92" x 46" - 5mm
Weight: 8 kg



7705 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



7706 - SIZE: 93" x 46" - 5mm
Weight: 7.5 kg



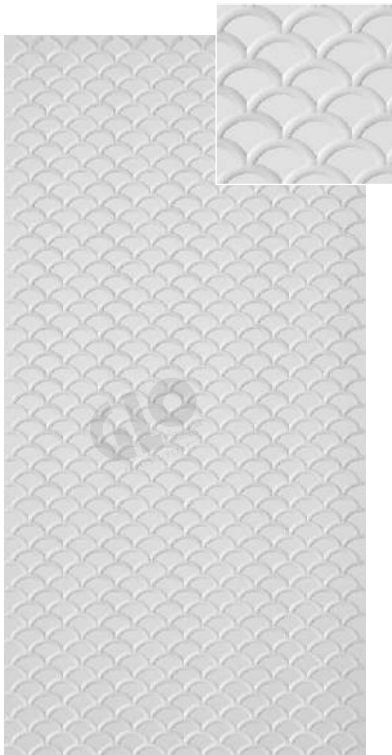
7707 - SIZE: 93" x 46" - 5mm
Weight: 7.5 kg



7708 - SIZE: 91" x 46" - 5mm
Weight: 8 kg



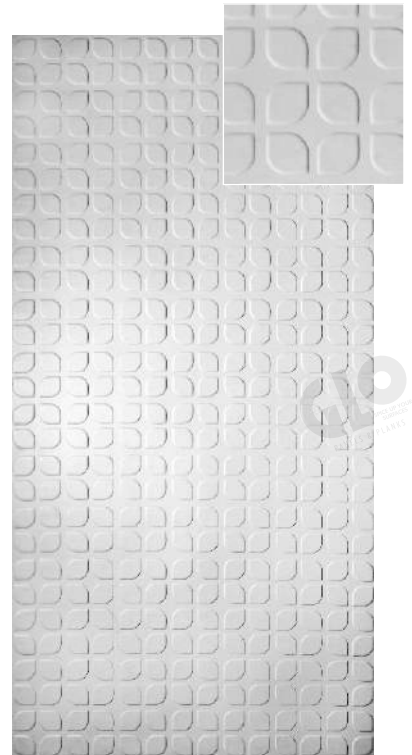
7709 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



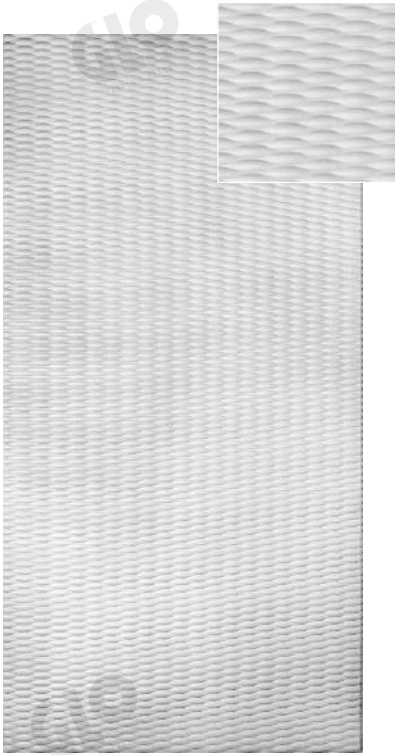
7710 - SIZE: 95" x 47" - 5mm
Weight: 7.3 kg



7711 - SIZE: 94" x 46" - 5mm
Weight: 7.3 kg



7712 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



7713 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7714 - SIZE: 93" x 46" - 5mm
Weight: 8 kg



7715 - SIZE: 94" x 45" - 5mm
Weight: 8 kg



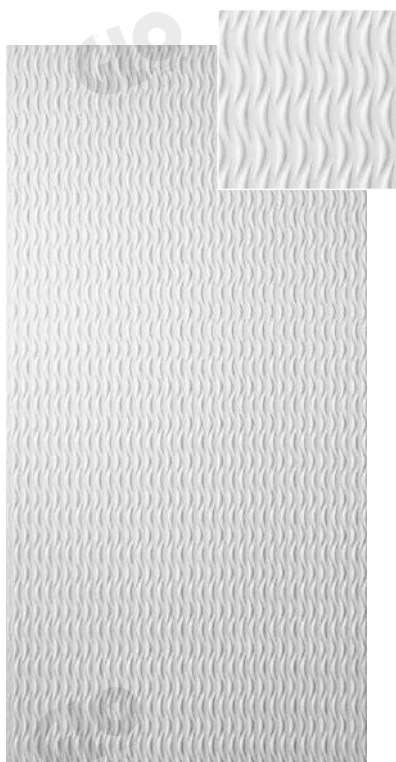
7716 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



7717 - SIZE: 94" x 45" - 5mm
Weight: 7.5 kg



7718 - SIZE: 93" x 47" - 5mm
Weight: 7.5 kg



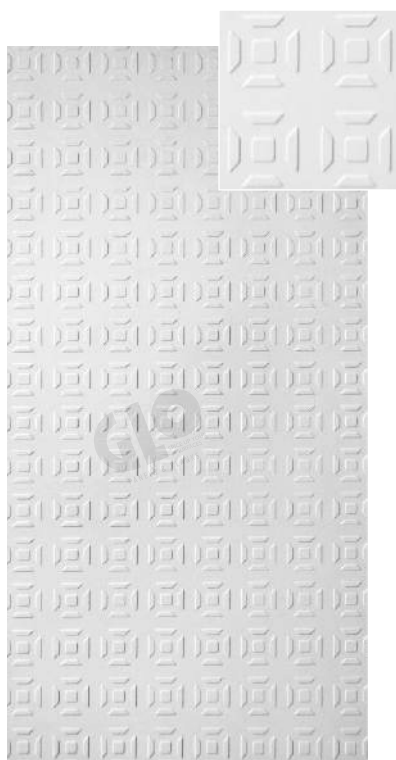
7719 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7720 - SIZE: 95" x 47" - 5mm
Weight: 8 kg



7721 - SIZE: 94" x 46" - 5mm
Weight: 7.3 kg



7722 - SIZE: 93" x 45" - 5mm
Weight: 7.5 kg



7723 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



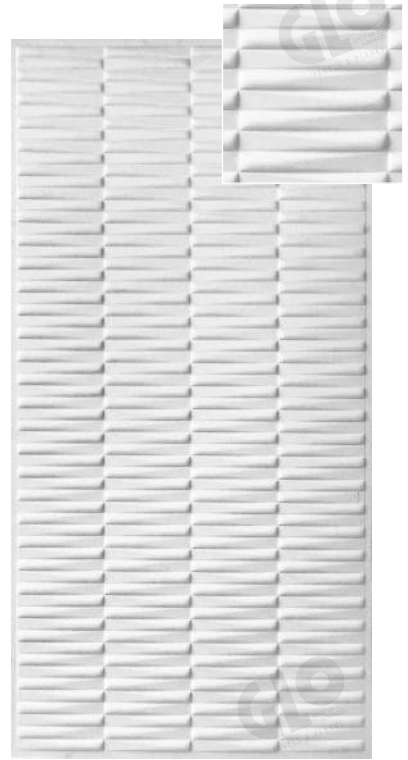
7724 - SIZE: 94" x 47" - 5mm
Weight: 7.3 kg



7725 - SIZE: 92" x 46" - 5mm
Weight: 7.7 kg



7727 - SIZE: 94" x 47" - 5mm
Weight: 7.5 kg



7728 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



7730 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



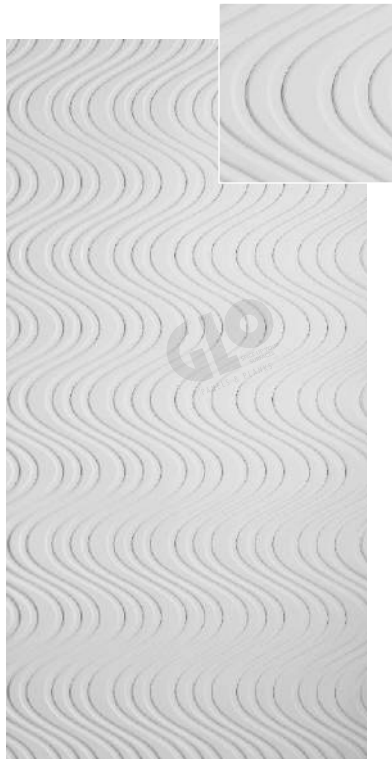
7731 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



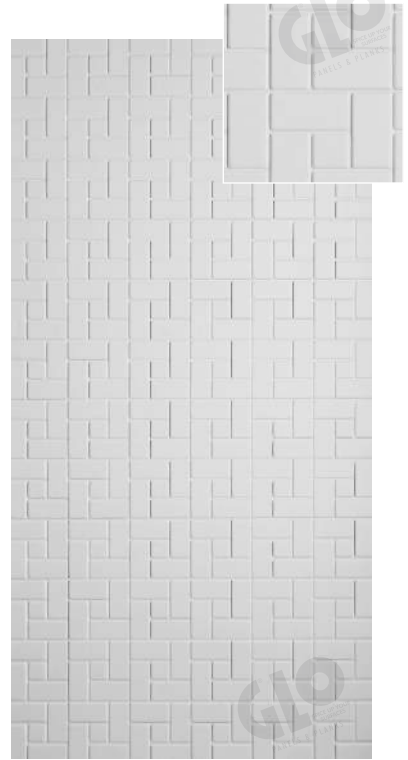
7732 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7733 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



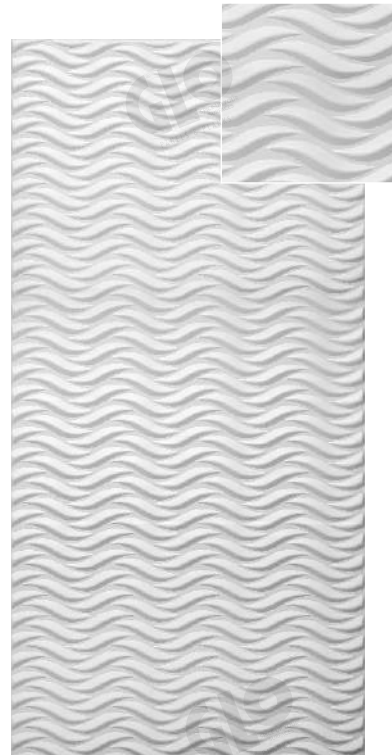
7734 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



7735 - SIZE: 94" x 46" - 5mm
Weight: 7.3 kg



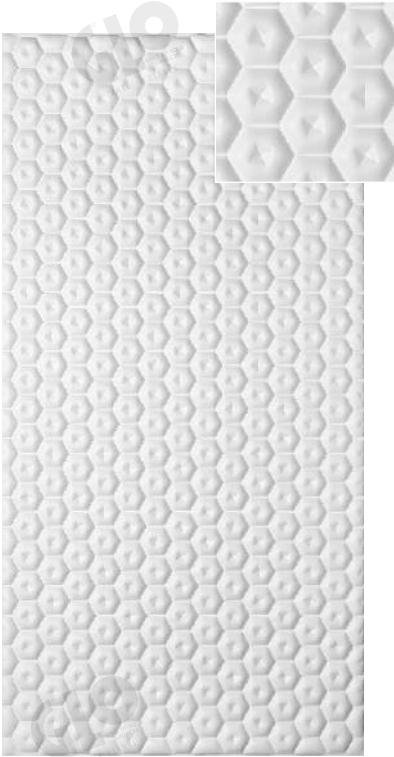
7736 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7737 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



7738 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



7739 - SIZE: 95" x 47" - 5mm
Weight: 8 kg



7740 - SIZE: 94" x 47" - 5mm
Weight: 8 kg



7741 - SIZE: 93" x 46" - 5mm
Weight: 7.5 kg



7742 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



7743 - SIZE: 94" x 46" - 5mm
Weight: 8 kg





7744 - SIZE: 93" x 46" - 5mm
Weight: 7.5 kg



7745 - SIZE: 94" x 47" - 5mm
Weight: 7.5 kg



7746 - SIZE: 95" x 47" - 5mm
Weight: 8 kg



7748 - SIZE: 94" x 47" - 5mm
Weight: 8 kg



7749 - SIZE: 94" x 47" - 5mm
Weight: 7.7 kg



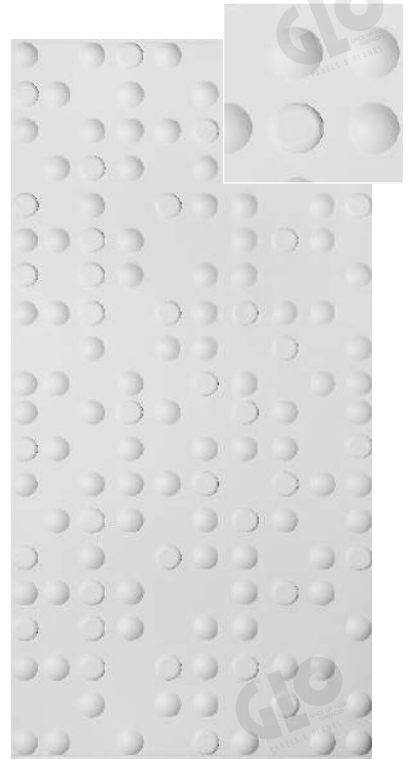
7750 - SIZE: 94" x 46" - 5mm
Weight: 7.4 kg



7751 - SIZE: 94" x 46" - 5mm
Weight: 7.6 kg



7752 - SIZE: 95" x 47" - 5mm
Weight: 8 kg



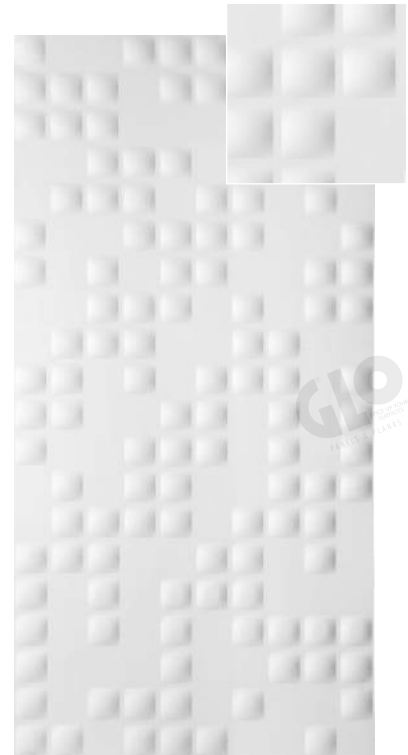
7753 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



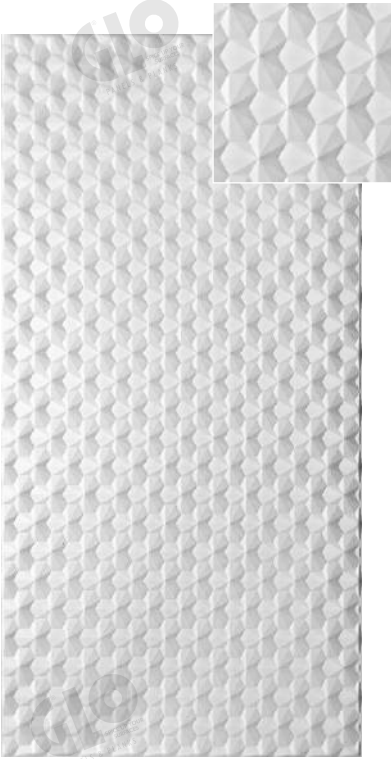
7754 - SIZE: 94" x 46" - 5mm
Weight: 7.7 kg



7755 - SIZE: 95" x 47" - 5mm
Weight: 7.2 kg



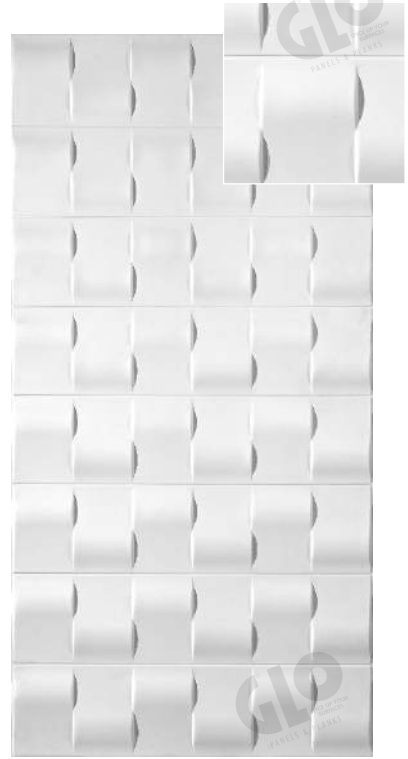
7756 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7757 - SIZE: 94" x 47" - 5mm
Weight: 7.5 kg



7758 - SIZE: 94" x 47" - 5mm
Weight: 7.6 kg



7759 - SIZE: 95" x 47" - 5mm
Weight: 7.6 kg



7760- SIZE: 94" x 47" - 5mm
Weight: 7.6 kg



7761 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7762 - SIZE: 94" x 46" - 5mm
Weight: 7.7 kg



7763 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7764 - SIZE: 95" x 46" - 5mm
Weight: 7.7 kg



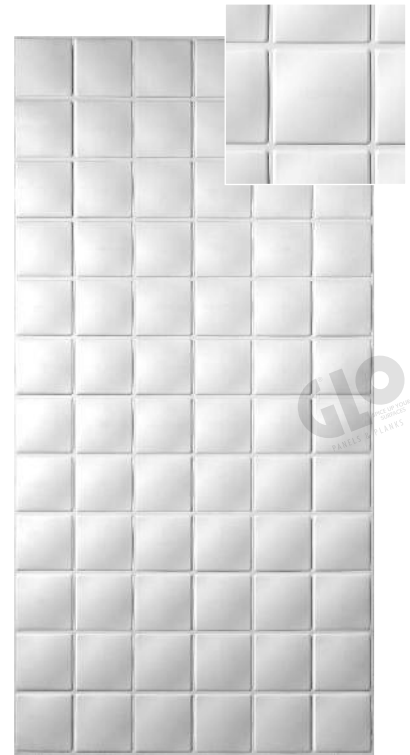
7765 - SIZE: 94" x 47" - 5mm
Weight: 7.5 kg



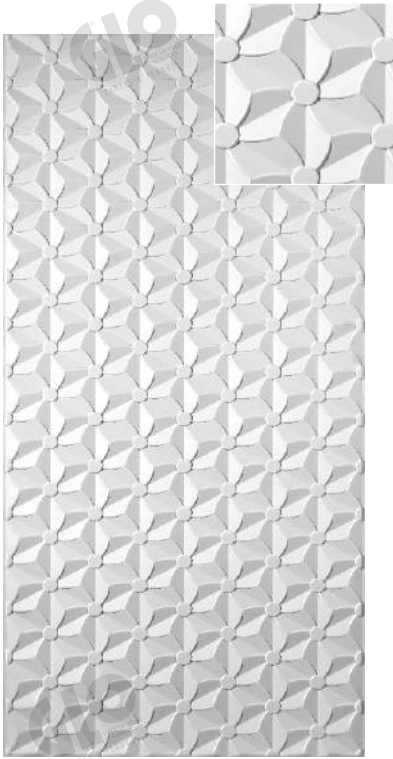
7766 - SIZE: 94" x 46" - 5mm
Weight: 7.2 kg



7767 - SIZE: 95" x 47" - 5mm
Weight: 7.5 kg



7768 - SIZE: 94" x 47" - 5mm
Weight: 7.3 kg



7769 - SIZE: 94" x 47" - 5mm
Weight: 7.6 kg



7770 - SIZE: 94" x 47" - 5mm
Weight: 7.6 kg



7771 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



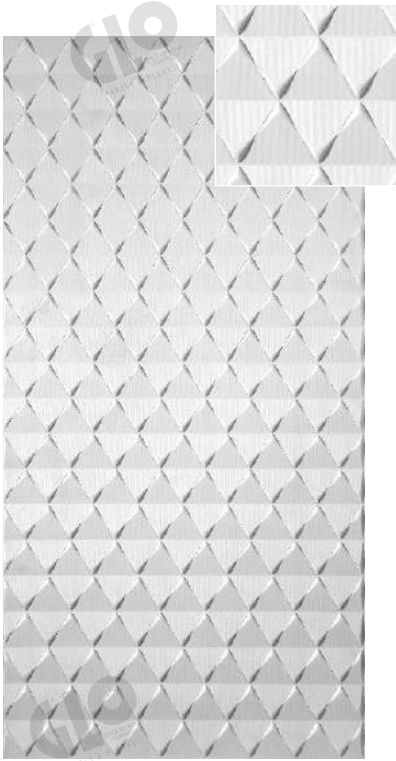
7772 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7773 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7774 - SIZE: 94" x 46" - 5mm
Weight: 7.8 kg



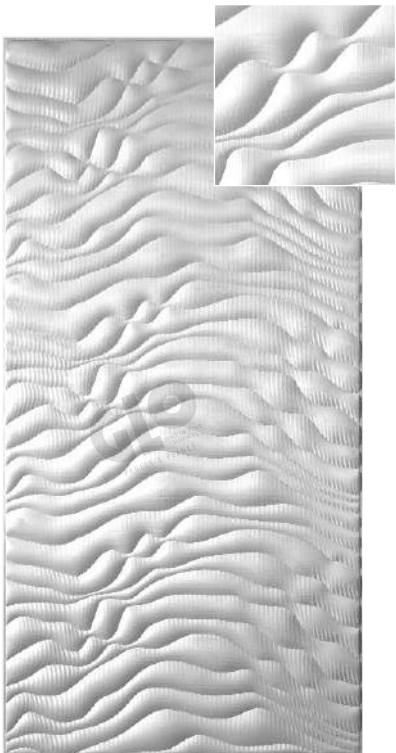
7775 - SIZE: 94" x 46" - 5mm
Weight: 7.3 kg



7776 - SIZE: 94" x 46" - 5mm
Weight: 7.7 kg



7777 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



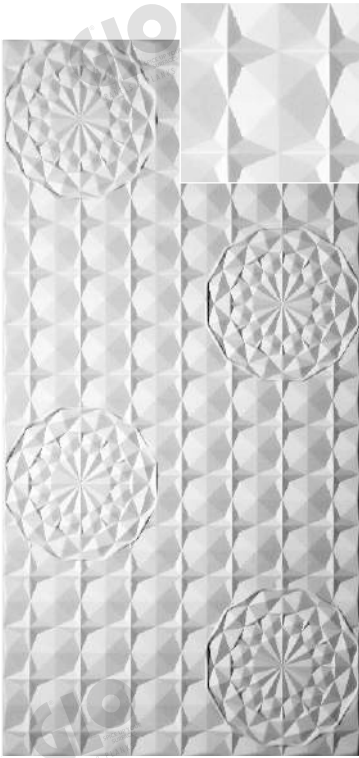
7778 - SIZE: 94" x 46" - 5mm
Weight: 7.8 kg



7779 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7780 - SIZE: 94" x 46" - 5mm
Weight: 7.7 kg



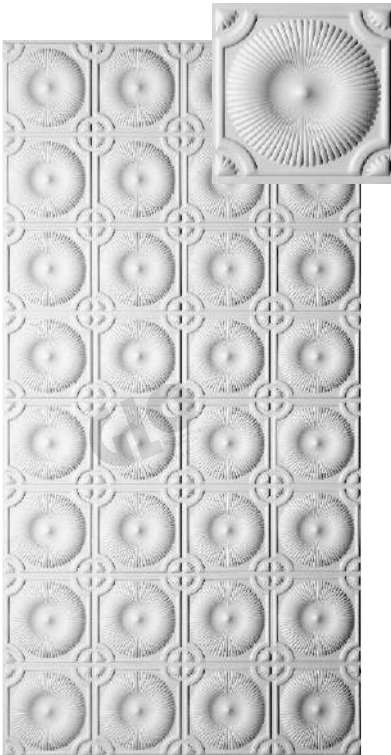
7781 - SIZE: 94" x 46" - 5mm
Weight: 6.8 kg



7782 - SIZE: 94" x 46" - 5mm
Weight: 7.1 kg



7783 - SIZE: 94" x 46" - 5mm
Weight: 6.8 kg



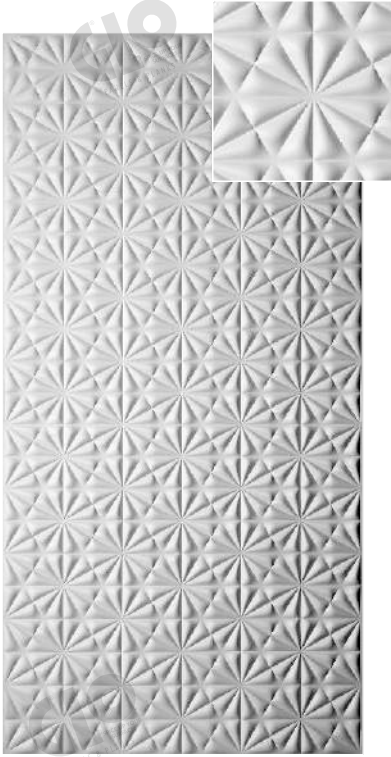
7784 - SIZE: 94" x 46" - 5mm
Weight: 7.0 kg



7785 - SIZE: 94" x 46" - 5mm
Weight: 6.9 kg



7786 - SIZE: 94" x 46" - 5mm
Weight: 7.1 kg



7787 - SIZE: 94" x 46" - 5mm
Weight: 7.3 kg



7788 - SIZE: 94" x 46" - 5mm
Weight: 7.2 kg



7789 - SIZE: 94" x 47" - 5mm
Weight: 6.9 kg



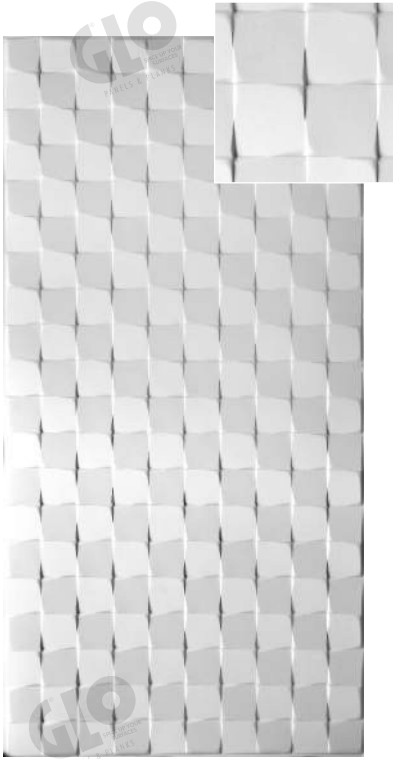
7790 - SIZE: 94" x 46" - 5mm
Weight: 7.2 kg



7791 - SIZE: 94" x 46" - 5mm
Weight: 6.9 kg



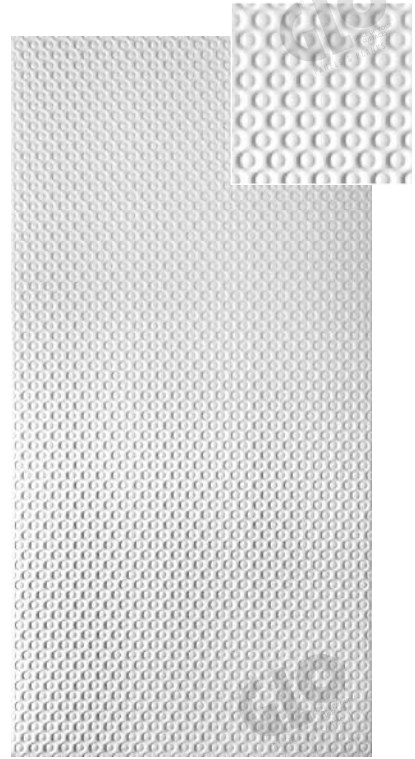
7792 - SIZE: 94" x 46" - 5mm
Weight: 7.2 kg



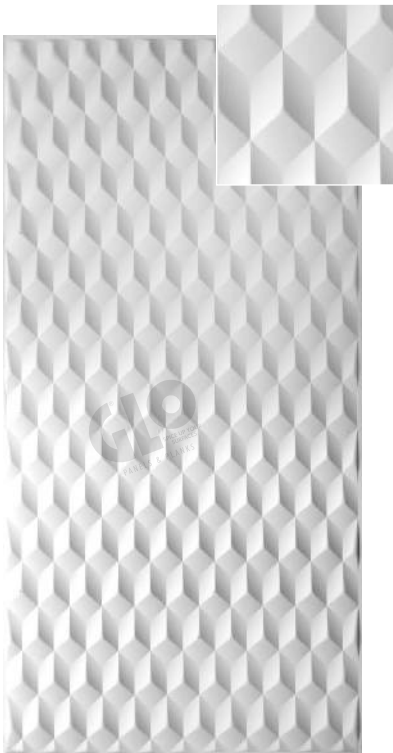
7793 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



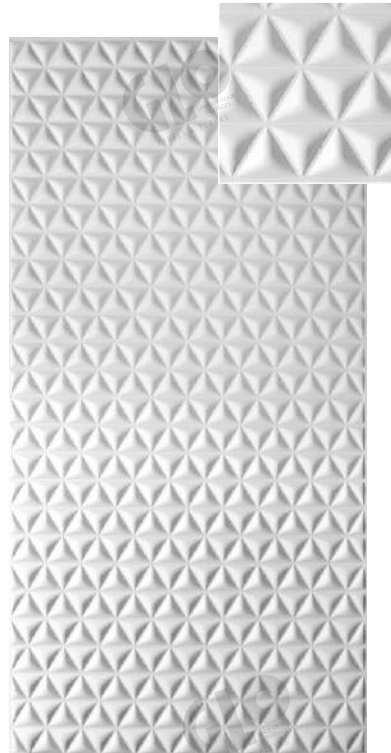
7794 - SIZE: 94" x 46" - 5mm
Weight: 8 kg



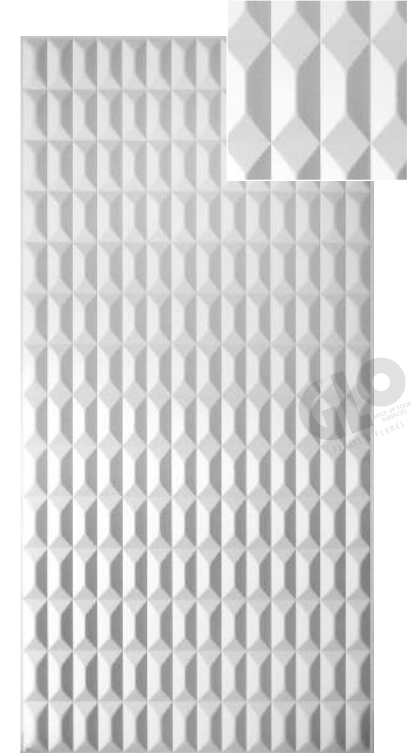
7795 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7796 - SIZE: 94" x 46" - 5mm
Weight: 7.3 kg



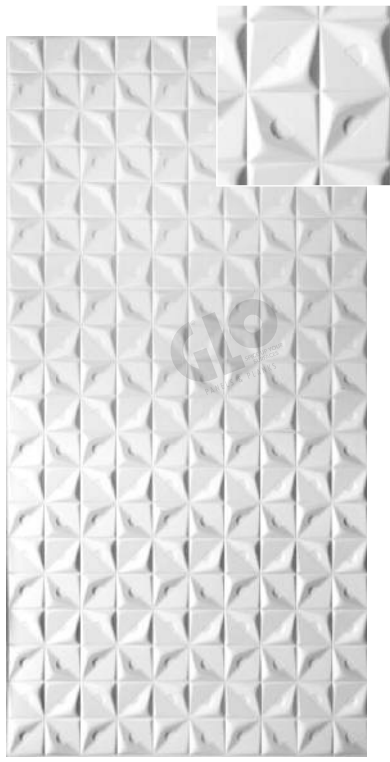
7797 - SIZE: 94" x 46" - 5mm
Weight: 7.2 kg



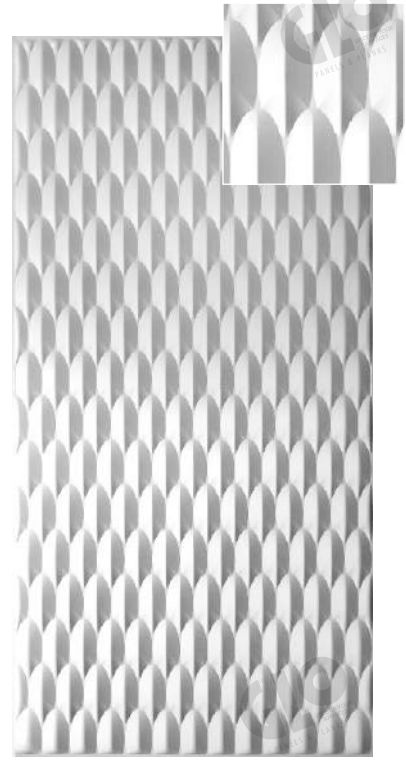
7798 - SIZE: 94" x 46" - 5mm
Weight: 6.8 kg



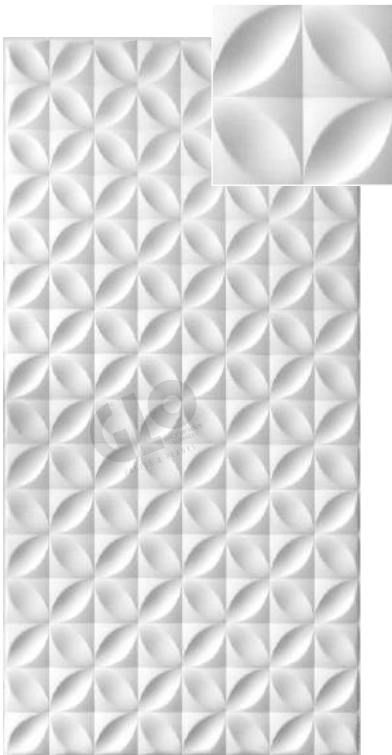
7799 - SIZE: 95" x 46" - 5mm
Weight: 7.6 kg



7800 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



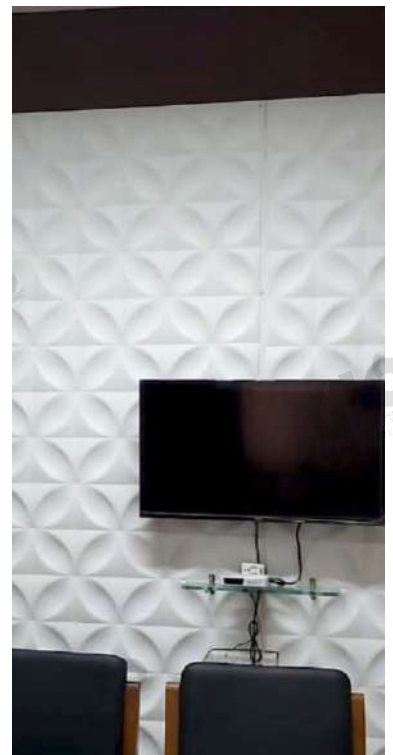
7801 - SIZE: 94" x 46" - 5mm
Weight: 7.2 kg



7802 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



7803 - SIZE: 94" x 46" - 5mm
Weight: 7.5 kg



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