



TRANQUIL<sup>®</sup>  
DUNES

## Method Statement – Tranquil Dunes

Product	Tranquil DUNES
Product Description	100% Acrylic Solid Surface
Dimensions	12mm thick – 2440/3660 x 760 mm 6mm thick - 2440 x 760 mm
Accessories (Not included in product)	Dunes Adhesive (different adhesives for different colors)
Additional products based on architect specifications	Ply backing – 6 to 19 mm
Tranquil DUNES quantity in each sheet	12mm thick – 20/30 Sq. Ft. 6mm thick - 20 Sq. Ft.
Tools needed for Installation	Measuring tape, line marker, router machine, circular saw, sanding & buffing machine with different grating papers, blower, countertop cleaning agent, silicon sealant and etc.,



● APS Fabric Panels



● Impaler Clips



● Silicon Glue and Gun

## SURFACE PREPARATION

- > Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles, laitance and dust. Degrease the surface by using suitable solvents.
- > Ensure no dampness or leakage on the wall or any substrate, so that product performance is not affected.
- > Solid Surface can be installed on ply surface only. In case of counter-top it can be installed on concrete or stone surface which is smooth.
- > In case of DUNES application is on plywood, make sure that plywood is of marine grade and it is free from dirt grease or dampness.
- > The shelf life of adhesive is 2 years from the date of manufacture, so check the date of manufacturing before installation. For best results, store the adhesive in cool and dry climate.
- > Check the batch no. of the sheet before installing. Avoid using two batches of sheets in single location as each batch may have slight color variation.

## PRODUCT PREPARATION

- > Dunes will be supplied in sheet form in 6/12 mm thickness.
- > Dunes require ply backing to install.
- > Check for adequate quantity of Dunes adhesive (color based) and silicon glue for cladding as per installation requirements.
- > In case of curved surfaces, Dunes can be bent upto 4" radius minimum.

## INSTALLATION

- > DUNES installation will always take place on ply backing (6-19 mm thick)
- > Ensure the ply backing is made firmly as per the design requirement so that dunes can be installed perfectly over it.
- > Ensure to keep a gap of 5mm for every meter of installation to allow expansion and contraction of solid surface due to variation in temperatures.

## PLAIN SURFACE

Cut the sheet into required sizes as per design requirement.

**Note: Make sure to consider extra size of sheet for edge cladding based on the thickness of sheet and air gaps.**

## CURVED SURFACE

- > Make the template with flexible ply of desired shape.
- > Heat the Dunes with hand gun till it becomes flexible and it should take the shape of the template.
- > Place the heated Dunes over the ply template and fix the C clamps for curing. Curing time is 30-40 min.
- > Remove the clamps and fabrication to be done further as mentioned below.

## FABRICATION

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- > Use custom adhesive for custom colors of Dunes.
- > Use blocks for joining two sheets for firm adhesion and cure it for 15-20 min.
- > After curing, remove the blocks using chipping tool or any sharp tool.
- > Use buffing machine for surface sanding with different grit sizes of 80, 120, 220, 320, 400, 500, 600, 800, 1000, 1200 to 1500 max.
- > Surface sanding depends upon the type of finish required  
**Matte-600 | Semi Matte-800 | Glossy-1200 | High Glossy-1500**

## INSTALLED IMAGES

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DUNES : IMAGE 1



DUNES : IMAGE 2

