

# ESCOSIL 2525

## ALL WEATHER SILICONE SEALANT

### Product Description:

ESCOSIL 2525 is a specified, premium performance weather sealing product specially designed for general and weather sealing in curtain wall and building facades. Excellent weather ability, virtually unaffected by sunlight, rain, snow, ozone. Excellent rheology, low string upon gunning.

### Typical Uses:

- Ideal for expansion, connection, perimeter and other movement joints.
- Neutral cure is suitable for use on coated glass, galvanized steel, masonry and other porous and
- non-porous substrate.
- Extension compression movement capability up + 50% of the original joint width.

### Preparation:

The specified sealant bead size should be calculated to comply with the compression and extension capabilities of the sealant in relation to the anticipated joint width due to expansion and contraction. Generally, calculation of the width of ESCOSIL 2525 should be computed on the basis of a maximum +50% compression and extension capability; minimum bead size should not be less than 3mm to accommodate movement. Design joint depth of which ratio width becomes 0.5 to 1. Suitable joint (Depth vs Width):

- Joint size minimum 6mmx6mm
- Joint size maximum 30mm.

### Technical Properties:

Test Method	Properties	Unit	Specifications
Lab test	Colour	Visually	Black & White
Lab test	Appearance	Visually	Homogenous paste
ASTM-C-679	Skin over time	Min	6
ASTM-C-679	Tack free time	Min	12
ASTM-D-1475	Specific gravity	g/cm <sup>3</sup>	1.35
ASTM-D-2240	Hardness	Shore A	35
Lab test	Depth cure	mm/day	>2.0
ASTM-C-1184-05	Loss of weight (Shrinkage)	%	10
ASTM-C-639-5	Flow	mm	Non-sag
ASTM-679	Tooling time	Min	12
ASTM-C-603	Extrusion rate	g/min	290
ASTM-D-412	Tensile strength	MPa	0.9
ASTM-D-412	Elongation approx.	%	350
ASTM-D-412	Young's Modulus	MPa	0.35
ASTM-D-2238	Solid Contents	%	>90
ASTM-D-6411	Service temp	°C	-40 up to 200
ASTM-C-679	Application temp	°C	-20 up to 250
ASTM-C-1184-05	Shelf life	Month	12



**Note:**

- Curing time (Skin over time & Tack Free Time) may vary depends on climatic condition during application.
- Information on this data sheet is subject to change without notice and should not be used for writing specifications.

**Users, Please Read:**

The information and data contained herein are believed to be accurate and reliable; however, it is the user's responsibility to determine suitability for use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

**Storage And Shelf Life:**

When stored in the original unopened container at or below 77°F (25°C), ESCOSIL 2525 has a shelf life of 12 months from date of Manufacturing. Containers should always be kept sealed when not in use. After a container has been opened and the entire contents have not been used, extrude 3/8" of material pass nozzle opening. When ready to use, pull out cured plug. Sealant is ready to use.

**Colors:**

ESCOSIL 2525 is available in Black and White. RAL colors are available upon request.

**Packaging:**

ESCOSIL 2525 is available in 300 ml.

**Caution:**

Direct contact of uncured sealant irritates eyes and may irritate skin. Over exposure to vapor may

irritate eyes, nose and throat. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on your hands. In case of eye contact, flush your eyes with water for 15 minutes. Obtain medical attention. In case of skin contact, remove from the skin and flush with water.

**Keep out of reach of children.**