



Fix200 (FS200)

Fix²⁰⁰ is a high strength multi-blended unique moisture curing hybrid silicone 100% UV resistant and suitable for the harsh marine environment for the fixing and sealing and bonding of acrylic, polycarbonate, glass windows and panels as well as cured silicone profiles and sheets etc.

Fix200 is easy to gun and apply, and unaffected by weather conditions such as sunlight, UV-radiation, rain and temperature extremes, and its high movement capability suits both organic and inorganic window panel systems.

Fix200 shows excellent non-sagging properties even when applied in thick layers. The applied product is easily smoothed out and once cured it does not crack, and does not chalk like Polyurethane sealants. It offers a great resistance to ageing, to atmospheric agents, to salt and fresh water and UV radiation.

PREPARATION OF SURFACES:

(Refer to : Acrylic and Polycarbonate Window Guide)

Surface must be clean and dry, free from dust and oil. For best results Tape the inside perimeter of the bonding zone and the top edge of the window panel outside edge, lightly abrade the Acrylic or Polycarbonate internal bonding surface and edge using 120 to 180 grit paper with good even sanding and clean with a suitable alcohol cleaner (Not Paint Prep.) with a clean cloth. Ensure all films are removed from the bonding area.

Do not apply Acetone to raw fibreglass as a pre cleaner, as it may reactivate the resins making the fibreglass skin texture sticky and non-adhesive. Acetone can be applied to gel coats to clean, as the gel coat will not react to the Acetone.

Minimum sealing thickness between the vessel substrate and window panel are required therefore refer to the Fixtech Application Guides.

APPLICATION

After appropriately preparing both the vessel structure and window panel, cut the cartridge tip and cut the nozzle according to the extrusion diameter required and dispense to nozzle tip. Extrude the sealant over this proposed internal bond zone to form



COLOURS	BLACK
CONSISTENCY	Silicone smooth paste
HARDNESS SHORE A 14 days 23°C, 55%r.h.	25+3
JOINT MOVEMENT CAPABILITY	+ 50%
MODULUS OF ELASTICITY	0.24 N/mm ²
TENSILE STRENGTH AT BREAK (ISO-8839)	0.6 N/mm ²
TOOLING TIME (@23°C - 55% UR)	30 minutes
TACK FREE TIME (@23°C - 55% UR)	3 hours
THROUGH CURING SPEED (@23°C - 55% UR)	1.0 mm in 24 hours
PACKAGING	Cartridge 310mL
APPLICATION TEMP	From 5 to 35°C
TEMP RESISTANCE	From -40°C to +90°C

a thin blackout area and evenly spread the sealant over the blackout area ensure air bubbles and other entrapments are removed.

Extrude a bead of Fix200 on-top of the blackout area or onto the vessel structure which ever is easier, apply in a zig zag bead and a final perimeter bead, and tilt in the glazing panel, using some temporary supports that will remain supporting the panel until the sealant has cured. Push the window firmly in-place and use spaces around the window to ensure a minimum thickness of Fix200 (depends on window size). Eg. 500 x 500 mm panel requires a sealant thickness of MIN. 5mm. temporary mechanically fix where required. Refer to Fixtech Application guides for more information.

FINISHING: Use diluted soapy water in a spray bottle and a suitable tool to finish the sealant

PROTECTION: Protect the sealant AND PANELS from UV exposure until the sealant has cured.

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