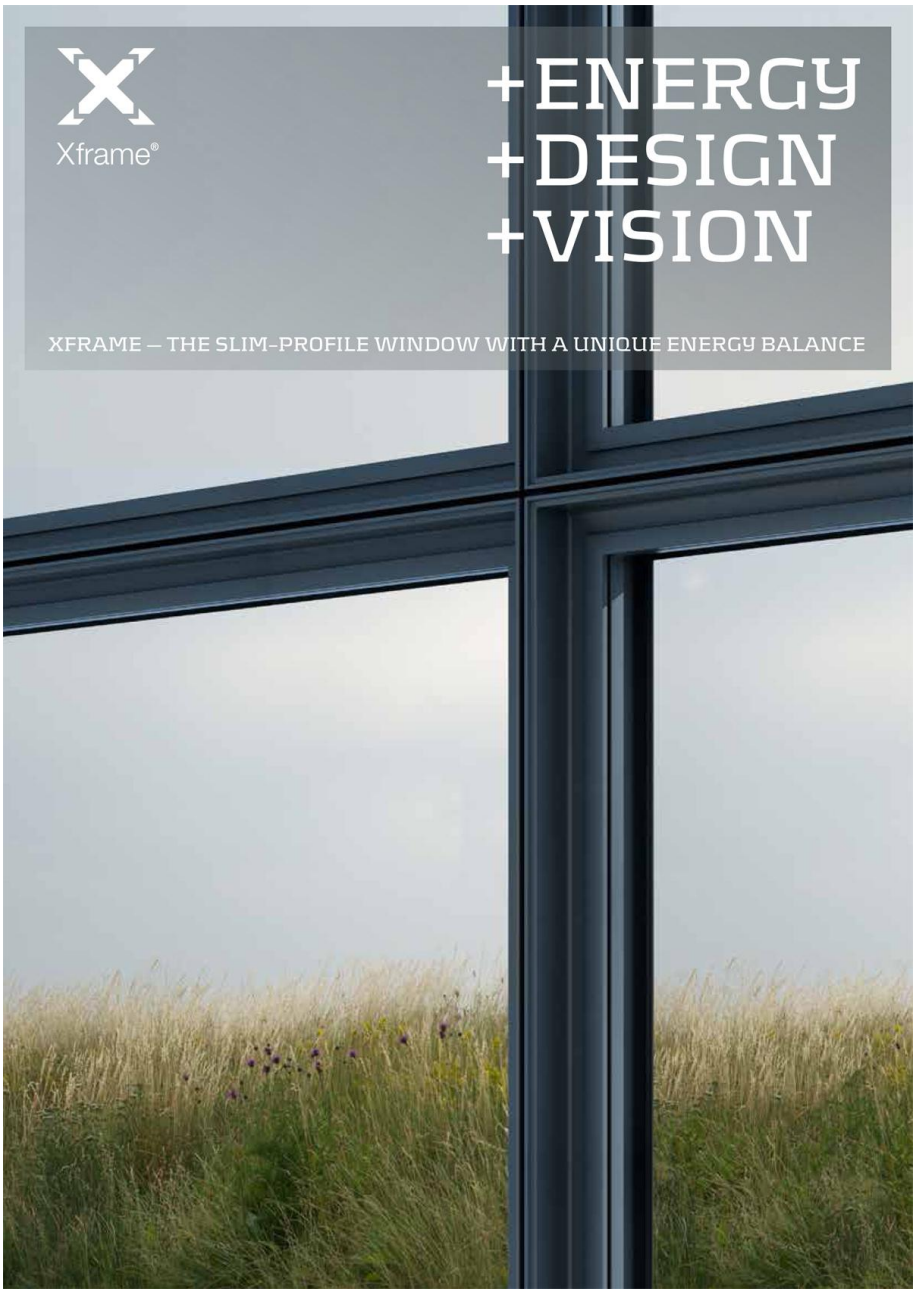
D-35-01-UK

Installation Guide
PRO TEC Xframe

Installation of Sliding Doors



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Installation of Sliding Doors

The sliding door comes with the fixed sash mounted, and the sliding sash supplied loose.

The door frame is inserted into the door opening flush against the wall at both sides, and secured by wedges. The door frame is set plumb in all directions, by adjusting the wedges.

Spacers, the same size as the distance between the door frame and the wall, are placed in the gap before fastening. Fixings should be as shown by drawings A, B and C on pages 3-5. The distance between the spacers should not exceed 200 mm, as it will affect the proper operation of the door. The distance from the corners to the first spacers, both horizontally and vertically should be approximately 100 mm.

Spacers must support the door frame as shown in the drawings, while ensuring adequate room for sealings.

The wedges at the bottom are removed and replaced with spacer blocks.

The door frame is checked for plumb.

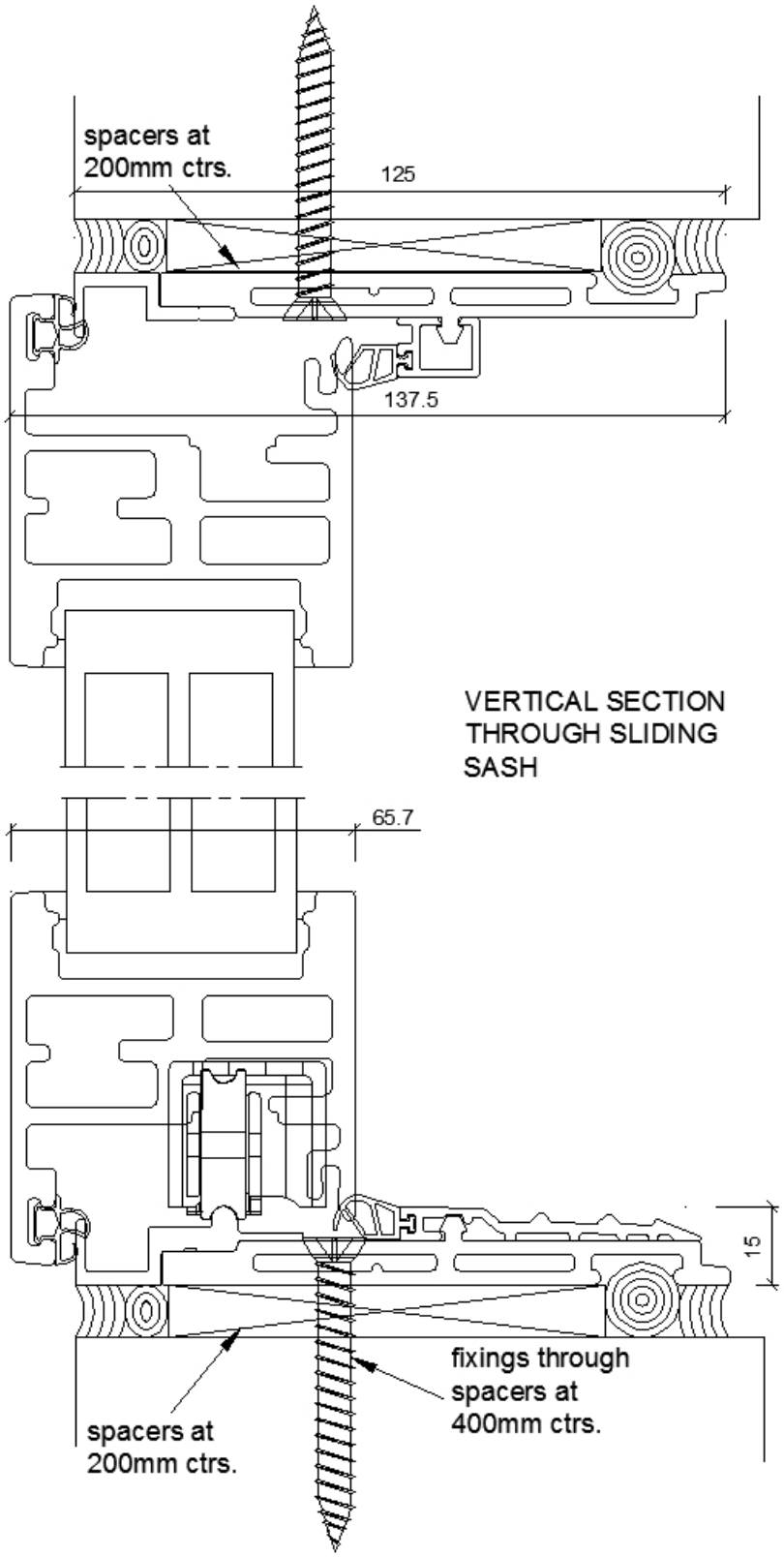
The screws in the vertical frame are fitted in accordance with drawing D on page 5.

The screws in the horizontal frame are fitted. The bottom screws must be sealed to prevent water penetration into the structure.
(Grey plastic screw caps for torx20 frame screws are supplied for the fixings at the bottom of the fixed sash - it is recommended to use similar screw caps for the other visible mounting screws - excl. Xframe).

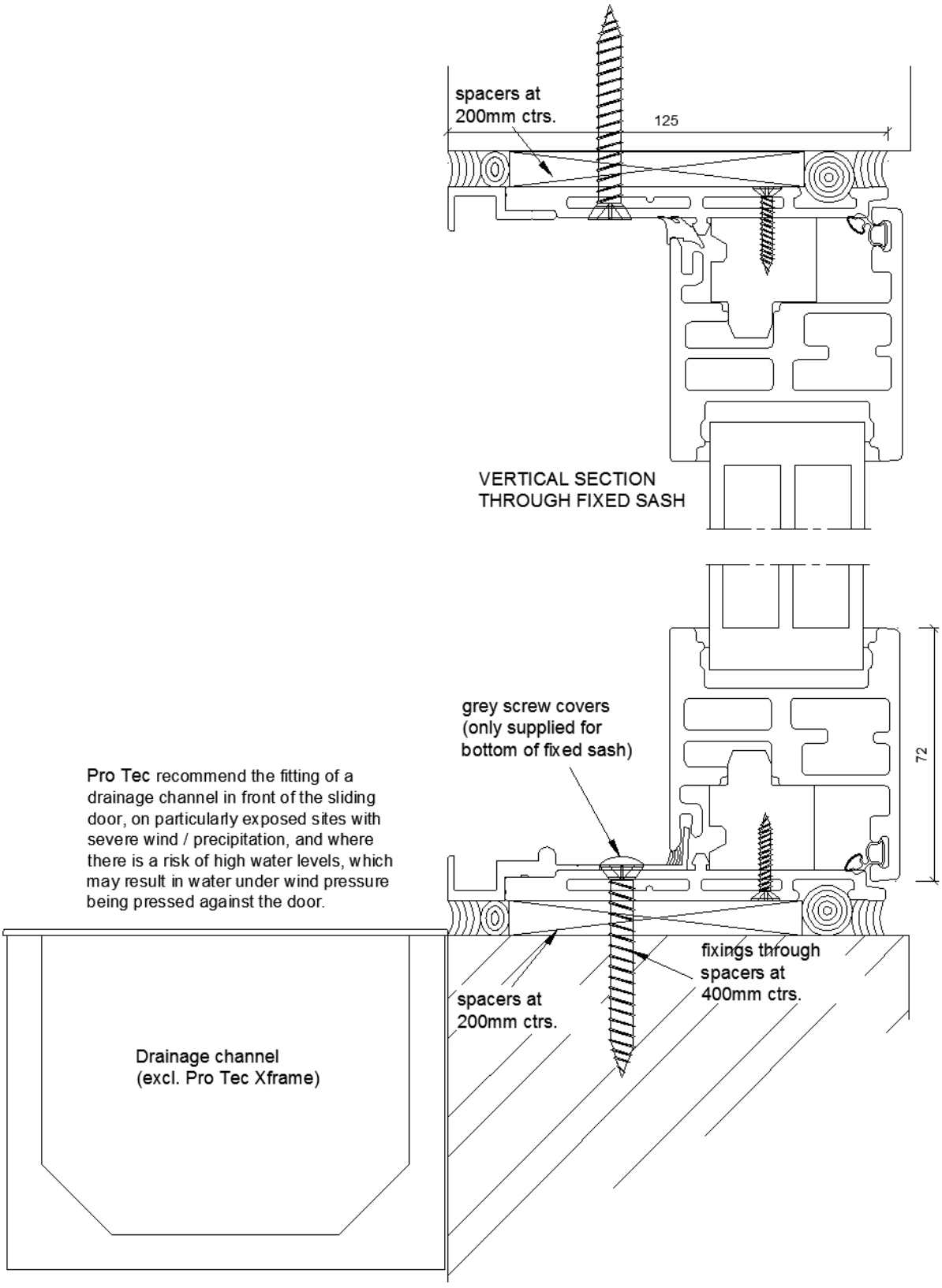
Installation of Sliding Doors with Side Element

When installing sliding doors with side elements, use the supplied stainless steel screws / rivet nuts for interconnecting the elements. See drawings E and F on pages 6 and 7.

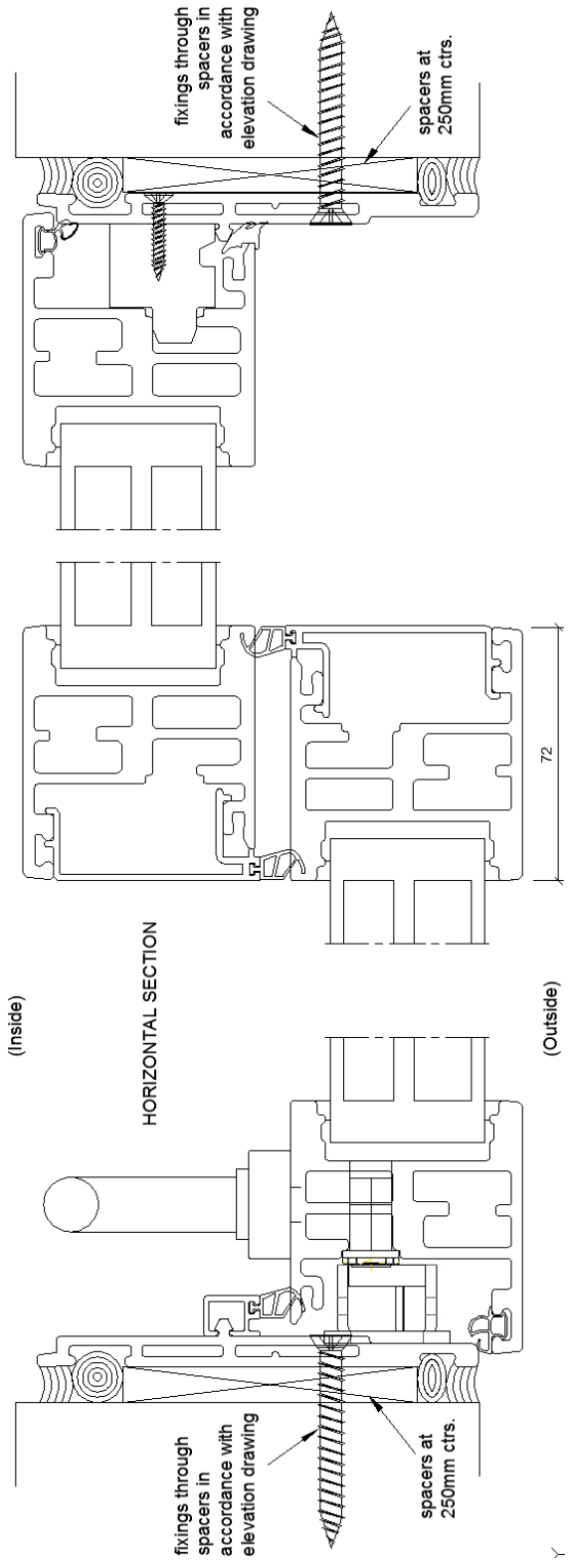
Drawing A


spacers at
200mm ctrs.
125
137.5
VERTICAL SECTION
THROUGH SLIDING
SASH
65.7
15
fixings through
spacers at
400mm ctrs.
spacers at
200mm ctrs.

Drawing B

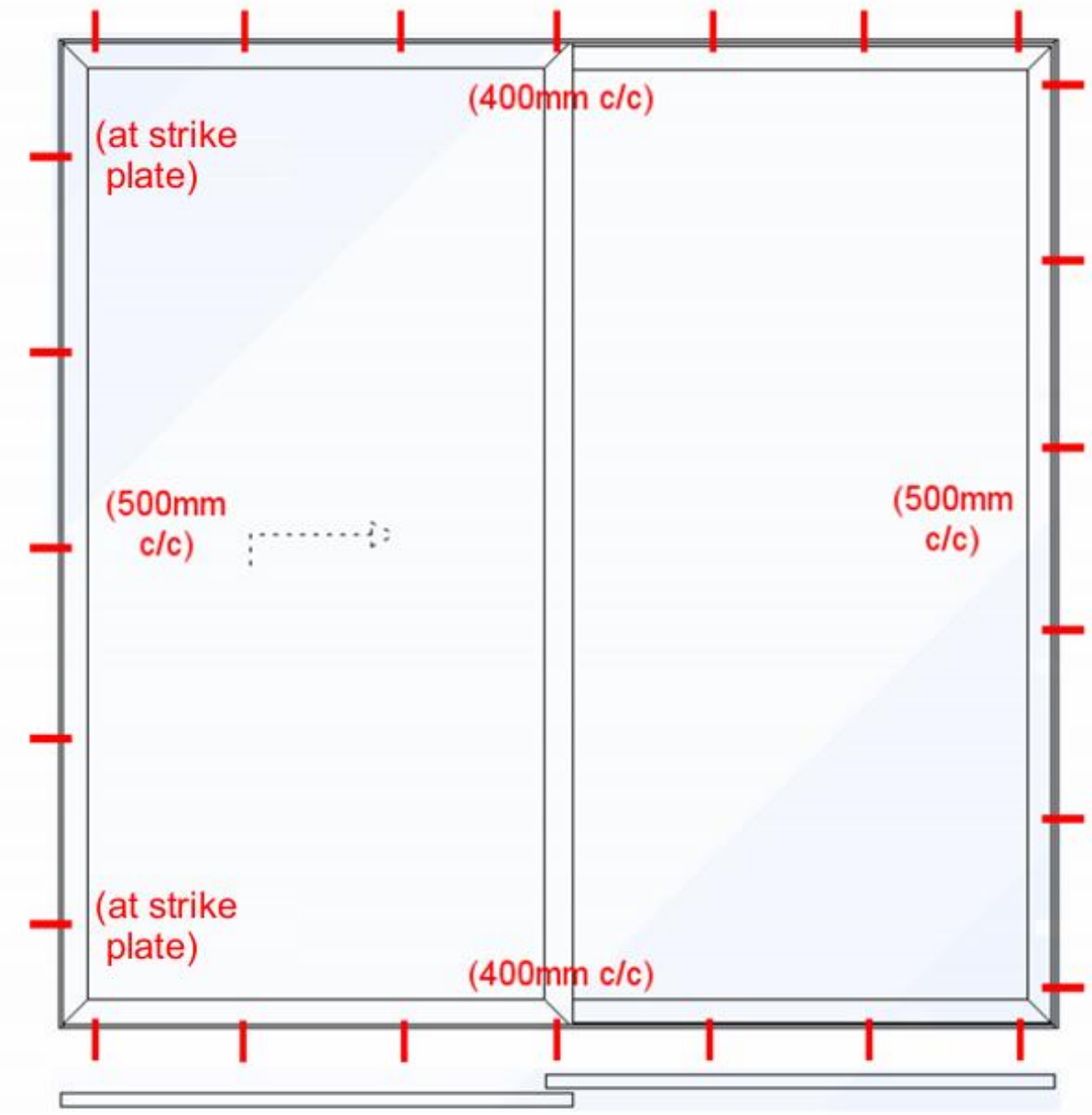

spacers at
200mm ctrs.
125
VERTICAL SECTION
THROUGH FIXED SASH
grey screw covers
(only supplied for
bottom of fixed sash)
72
Pro Tec recommend the fitting of a drainage channel in front of the sliding door, on particularly exposed sites with severe wind / precipitation, and where there is a risk of high water levels, which may result in water under wind pressure being pressed against the door.
fixings through
spacers at
400mm ctrs.
spacers at
200mm ctrs.
Drainage channel
(excl. Pro Tec Xframe)

Drawing C

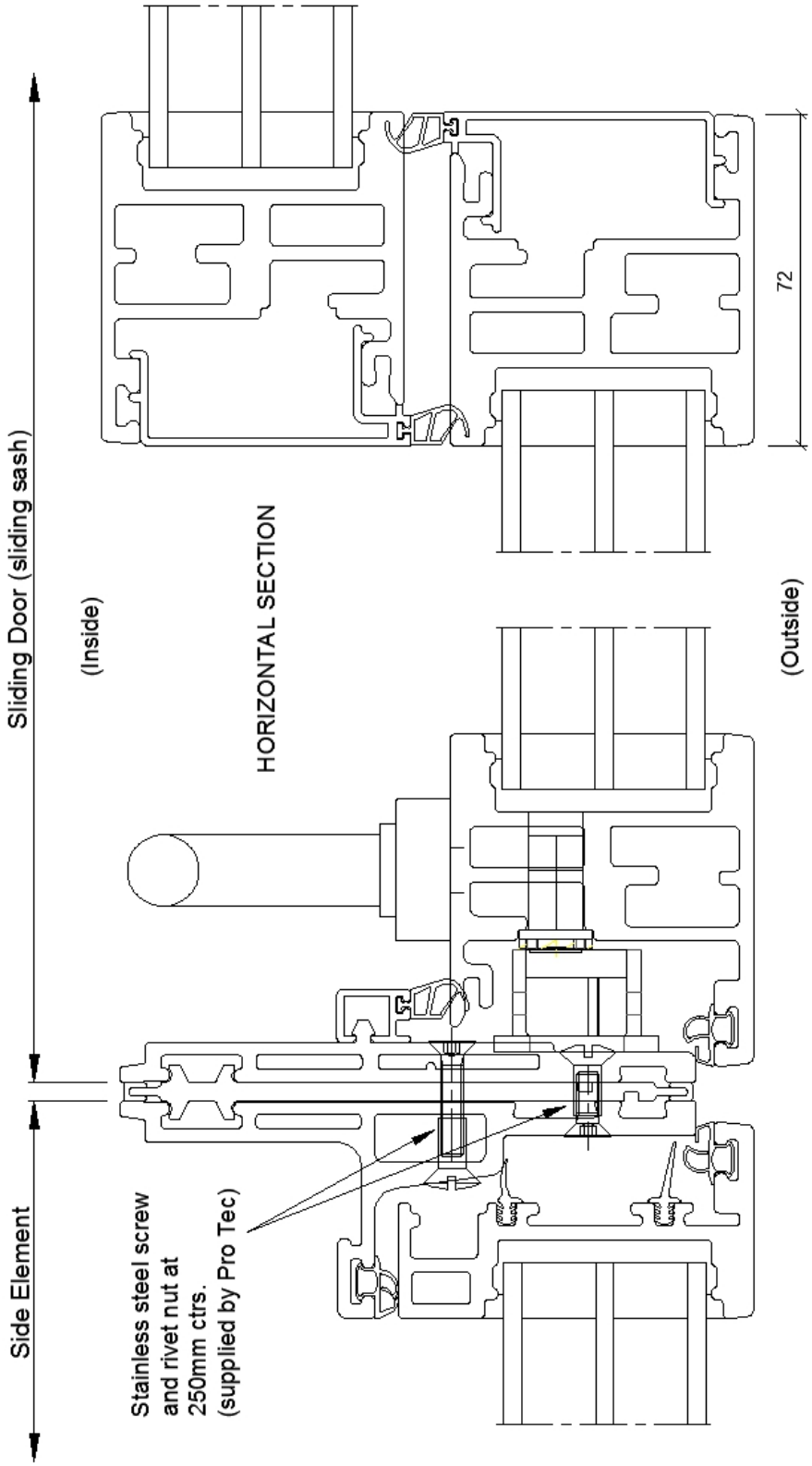

fixings through spacers in accordance with elevation drawing
spacers at 250mm ctrs.
72
HORIZONTAL SECTION
(Inside)
(Outside)
fixings through spacers in accordance with elevation drawing
spacers at 250mm ctrs.

Drawing D

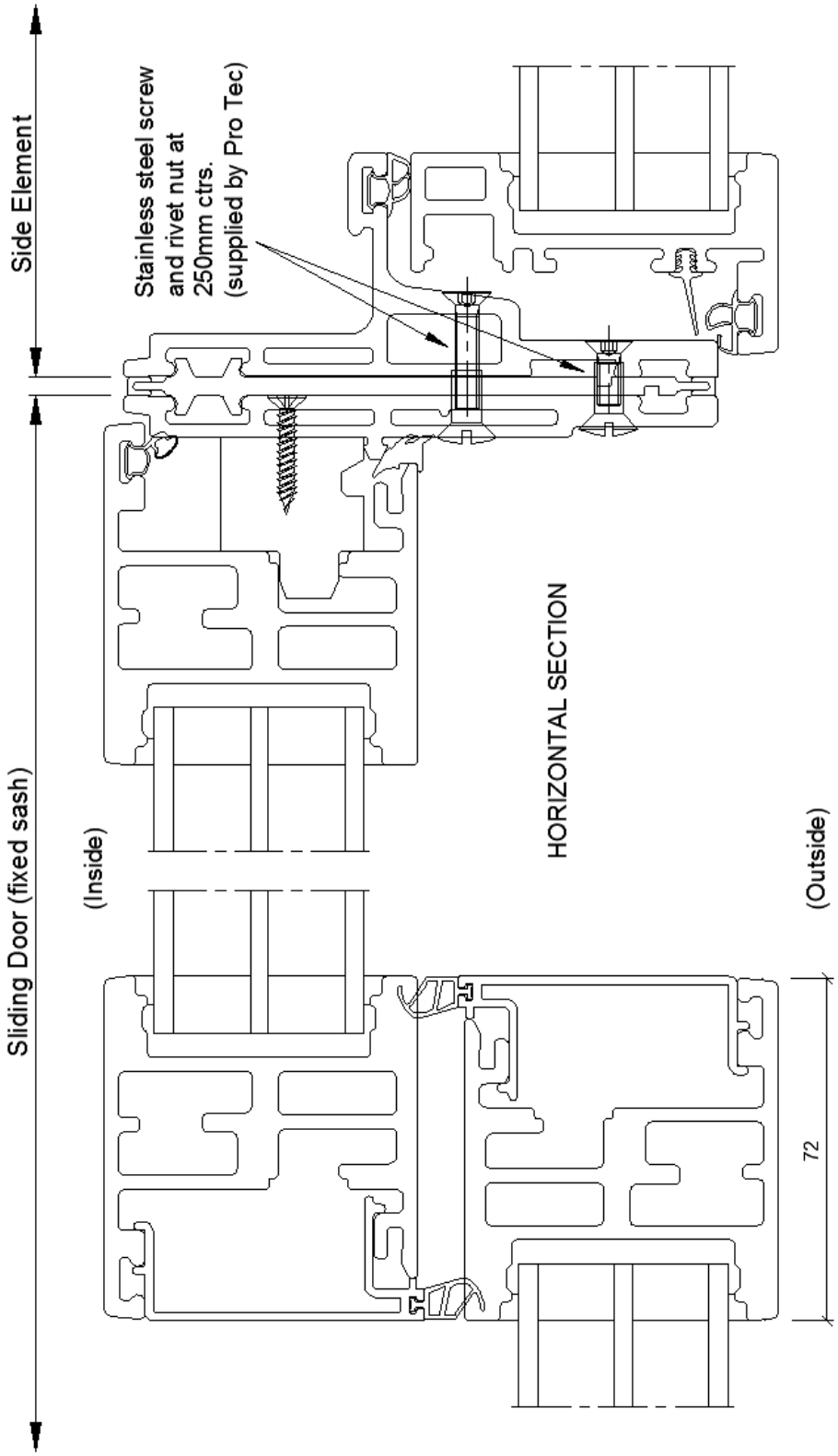
Placement of Fixings:



Drawing E


Sliding Door (sliding sash)
(Inside)
HORIZONTAL SECTION
(Outside)
72
Side Element
Stainless steel screw
and rivet nut at
250mm ctrs.
(supplied by Pro Tec)

Drawing F


Side Element
Stainless steel screw and rivet nut at 250mm ctrs. (supplied by Pro Tec)
Sliding Door (fixed sash)
(Inside)
HORIZONTAL SECTION
(Outside)
72

Fitting of the sliding sash

The sliding door sash is carefully lifted over the guide rail and the bogie wheels placed on the aluminum profile (see drawing G on page 9). The sash is tilted up to a vertical position.
Attention!: The frame must be supported in this position until the mounting of the guide pins.

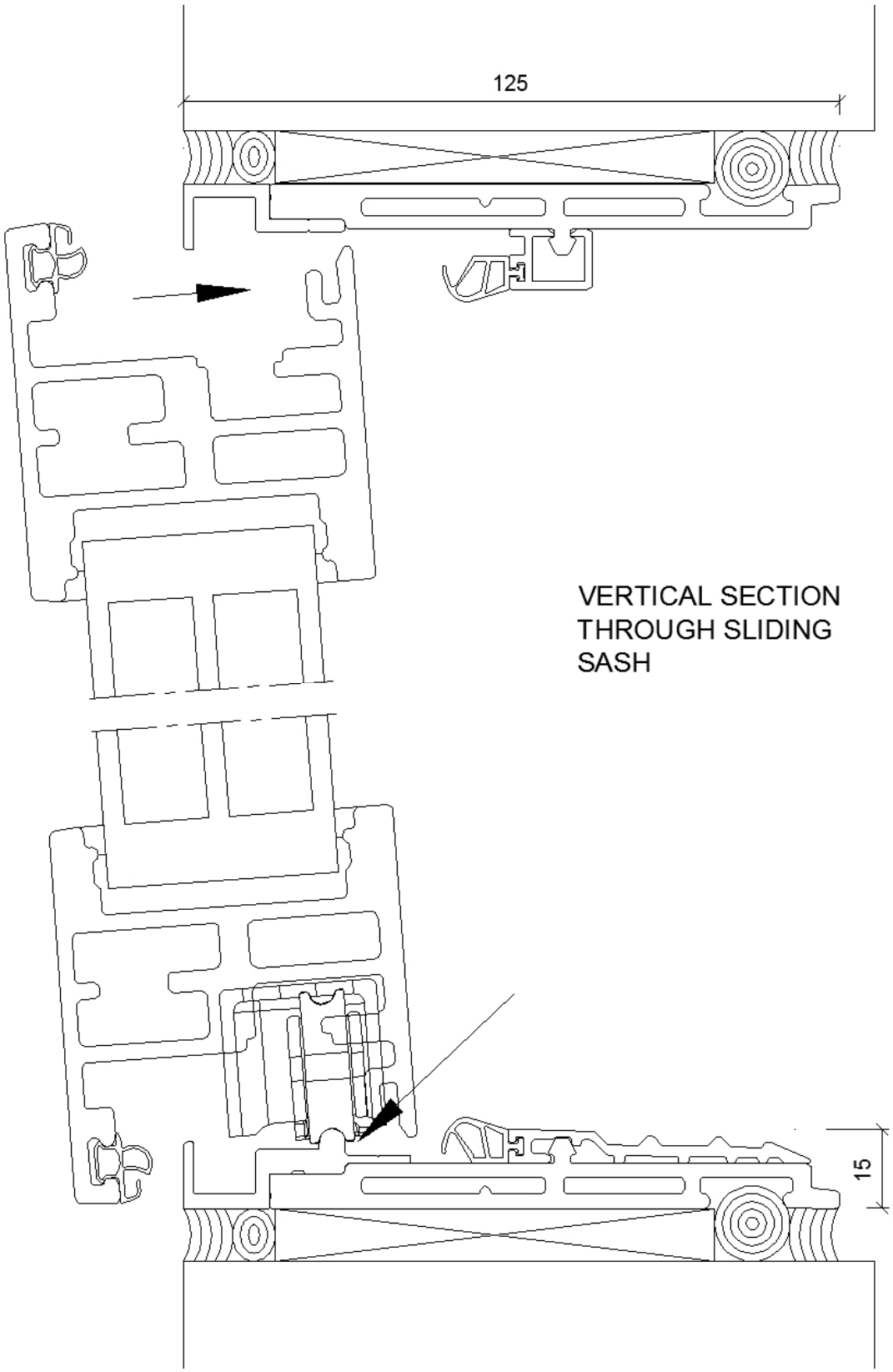
The 4 guide pins (one in each corner) are fitted with 4.1*25mm screws (3 pcs. / pin). See drawing H on page 10.

The guide pins can be adjusted up and down using an 11mm spanner. (See drawing I on page 11). There should be a gap of approximately 2mm between the guide pins and the aluminium tracks.

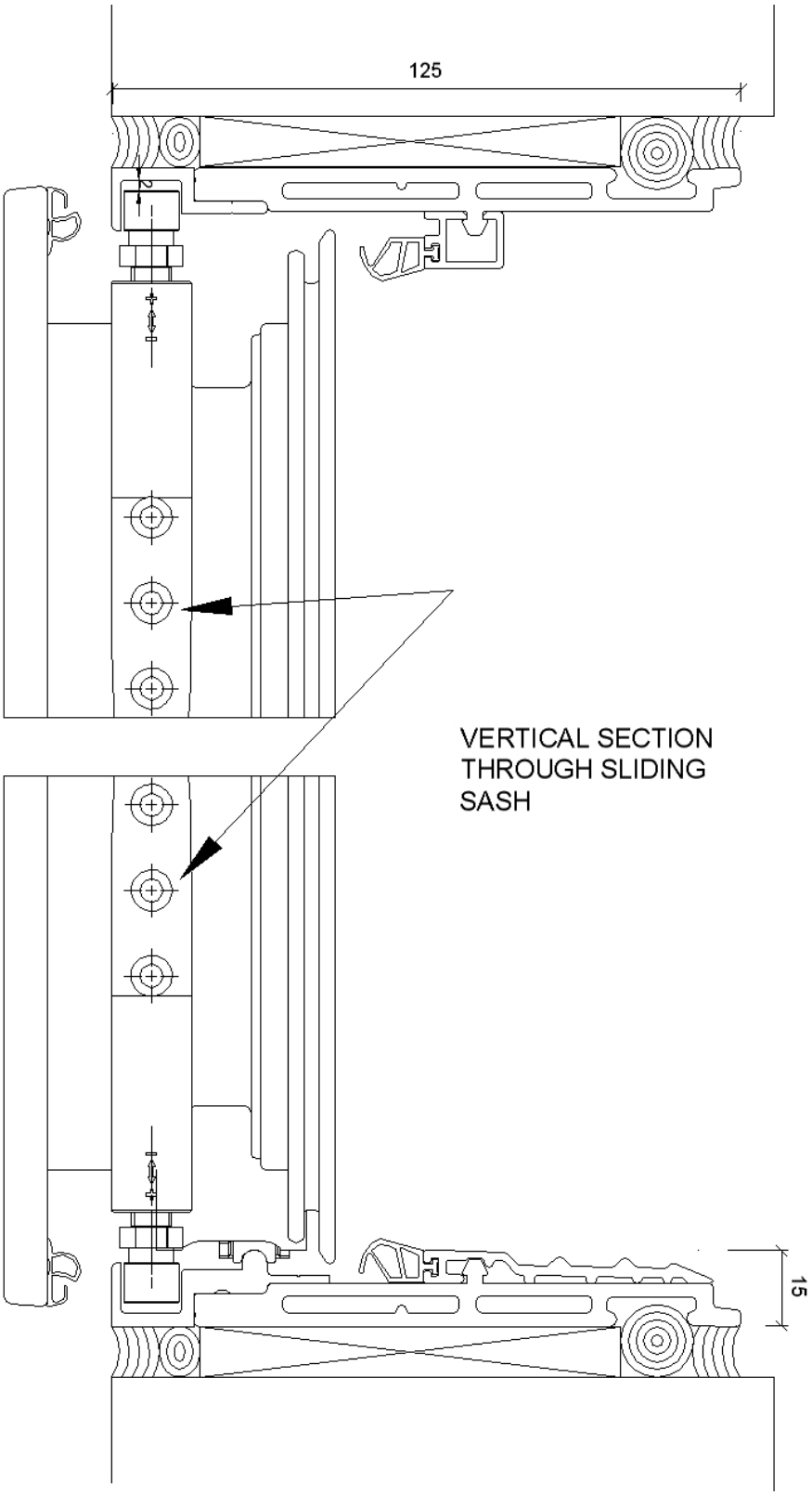
The reinforcement brackets are mounted over the guide pins at the back edge of the sliding sash (one at the top + 1 at the bottom).

The vertical cover profiles are mounted on the rear ends of the sashes (see diagram J on page 11).

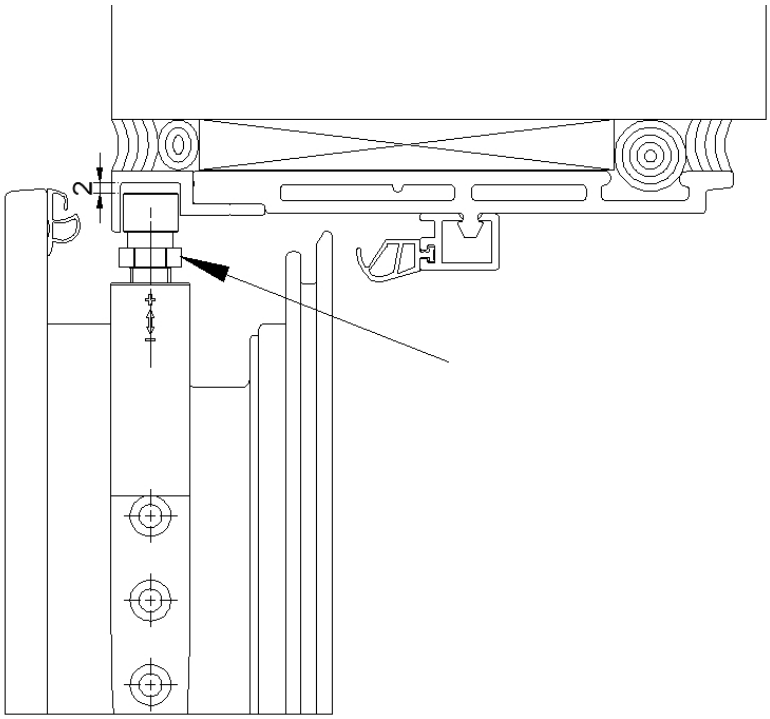
Drawing G



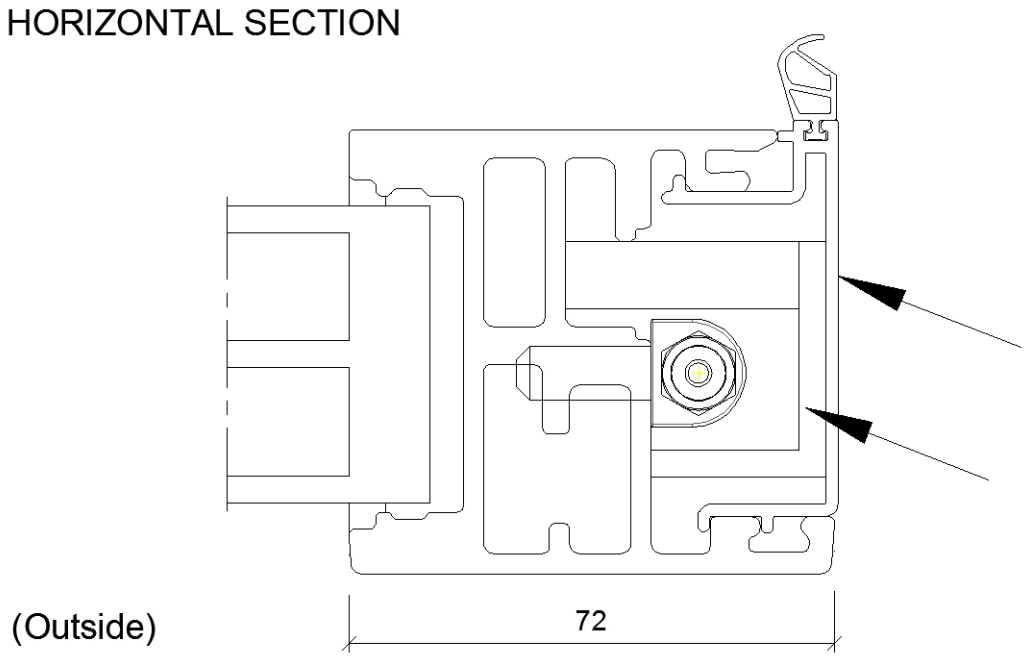
Drawing H



Drawing I



Drawing J



Instructions for repairing minor damage to the surface and / or scratches on GRP windows painted with Teknodur Aqua 3391

Repair Product:
Teknocoat Aqua 1878-23 *(for nuances of base 1 and 2)* / **Aquacoat 2650-23** *(for base 3 nuances).*

Specifications for repair lacquer:

Fast-drying acrylic water-borne lacquer.
The product provides a durable surface with good surface resistance.
The gloss will be approximately 25-30 measured at a 60° angle, when applied by brush.
The gloss may vary with the base properties and layer thickness.

The storage temperature of the product must be at least 15°C, but preferably 20°C.
If the product is cold after storage, for example, in a car, it is recommended to warm it before use.
The product must be kept frost-free.

The laquer should be applied at a min. temperature of 15°C to obtain optimum flow characteristics, and in order to ensure good drying of the product.
Drying of the product will occur at normal room temperature, but can be speeded up by the use of e.g. a hair dryer. The interval between applying the first layer laquer and a possible second coat is dependent on temperature and layer thickness. It will typically be recoatable after approx. ½ hour.

Tools / brushes can be cleaned with water and this should be done immediately after use.
Any spillage onto the skin should be washed off with water / soap.
See also MSDS for the product.

Small damage in the coating is repaired as follows:

· Any loose or flaking paint is removed.
· The damage and the surrounding area are smoothed with a fine abrasive pad or sandpaper (grain 240-320).
· The resulting dust is removed with an alcohol-cloth.
· A thin layer of laquer is applied, using a foam / mohair roller or brush.
· The laquer is smoothed over with a dry foam roller.

Damage affecting the paint film and the underlying GRP or exposed edges:

If the damage has exposed the GRP, it must be repaired with the actual film surface consisting of the 2-component product Teknodur Aqua 3391, with hardener 7313 to achieve the same adhesion and properties. In this case, contact the manufacturer for further information.

Note: this will <u>not</u> provide the same surface properties as the real 2-component product when it is repaired with a 1-component lacquer.