Side, Rear, and Front Panel Measurements

Into-Cube
Measured from outside
in a recess corrugation

Out-of-ISO
Measured from inside
in a recess corrugation
Measuring Panels – Into-Cube
Measuring Side Panels – Out-of-ISO

IICL-6 reference dimension is 30 mm
Measuring Front Panels – Out-of-ISO

IICL-6 reference dimension is 15 mm
Roof - Measuring out-of-ISO Damages – Box Type

IICL-6 reference dimension is 40 mm
ROOF – Outward Damage (40mm)

Top Corner Fitting

Roof panel

If outward roof damage is greater than 40mm above the top face of the top side rail – Repair required.

Top Side Rail: Tube Type
ROOF – Outward Damage (40mm)

If outward roof damage is greater than 40mm from the reference line – Repair required.

Place magnet and reference line at the top face of the top side rail to measure outward roof damage.

Top Side Rail: Tube Type
Roof – Measuring Into-cube Damages - Box Type

Note:

IICl-6 roof into the cube limit = 40 mm
Box type top rail average height is 60 mm
IICL-6 Reference dimension measured from the lower face of the top rail is 20 mm
ROOF – Inward Damage / Into-cube Damage (40mm)

If inward roof damage is 40mm or more into the cube of the container, such as 40mm, or more, below the top face of the top side rail – Repair required.
ROOF – Inward Damage / Into-cube Damage (40mm)

Place magnet and reference line at the bottom face of the top side rail to measure inward roof damage. Since the top side rail is 60mm tall and the damage criteria is 40mm, measure 20mm up from the reference line.

If the distance from the reference line to the roof damage is less than 20mm – Repair required.

If inward roof damage is beyond the reference line – Repair required.
Roof – Measuring Into-cube Damages – Flat Bar

Note:
IICL-6 roof into the cube limit = 40 mm
Flat bar type top rail average height is 14 mm.
IICL-6 Reference dimension is measured at 25mm from the lower face of the top rail. If roof touches the line, repair is required.
ROOF – Outward Damage (40mm)

If outward roof damage is greater than 40mm above the top face of the top side rail – Repair required.

Top Corner Fitting

Roof panel

Top Side Rail: Flat Bar Type

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ROOF – Outward Damage (40mm)

Place magnet and reference line at the top face of the top side rail to measure outward roof damage.

If outward roof damage is greater than 40mm from the reference line – Repair required.
ROOF – Inward Damage / Into-cube Damage (40mm)

If inward roof damage is 40mm or more into the cube of the container, such as 40mm, or more, below the top face of the top side rail – Repair required.
**ROOF – Inward Damage / Into-cube Damage (40mm)**

Place magnet and reference line 25mm below the bottom face of the top side rail to measure inward roof damage. Since the top side rail is 14mm tall and the damage criteria is 40mm (40-14 = 26, rounded to 25mm).

If inward roof damage is beyond the reference line – Repair required.