

Rittal – The System.

Faster – better – everywhere.



TS 8485.510

Baying systems TS 8

State: 27/7/2025 (Source: rittal.com/in-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



TS 8485.510 - Baying systems TS 8

The TS 8 sheet steel baying system, with its symmetrical profile in the width and depth, offers a significant space gain, plus simple interior installation. This likewise ensures bayability from all sides. Additionally, the integral, automatic potential equalisation of all enclosure panels and the triple surface treatment ensure optimum safety.



Features

Model No.	TS 8485.510
Material	Enclosure frame: Sheet steel, 1.5 mm Roof: Sheet steel, 1.5 mm Door: Sheet steel, 2.0 mm Rear panel: Sheet steel, 1.5 mm
Surface finish	Enclosure frame: Dipcoat-primed Door, roof and rear panel: Dipcoat-primed, powder-coated on the outside, textured paint
Colour	RAL 7035
Supply includes	Enclosure frame Door(s) R/h door hinge with single-door enclosures, may be swapped to opposite side Roof plate Rear panel 4 eyebolts Lock: 3 mm double-bit
Dimensions	Width: 400 mm Height: 1,800 mm Depth: 500 mm

Features

Protection category to IEC 60 529	IP 55 in conjunction with side panels and gland plates
Protection category NEMA	NEMA 12 in conjunction with side panels and gland plates
Type rating to UL 50E	Type 1 Type 12
IK Code	IK09
Number of doors	1
Basic material	Sheet steel
Packs of	1 pc(s).
Net weight	49.02
Gross weight	51.6
EAN	4028177357242
ETIM 9	EC000261
ECLASS 8.0	27180101

Approvals

Approvals	Bureau Veritas Lloyds Register of Shipping UL + C-UL (listed)
Certificates	Surface finish
Explanations	Manufacturer's declaration Declaration of conformity Declaration of conformity UK

Tender text

Enclosure (baying system) single-door

Enclosure:

Symmetrical frame construction of rolled hollow sections with holes on a 25 mm DIN pitch pattern.

All sections have chamfered edges.

The horizontal sections have an additional protection lip above the seal.

The vertical sections have two mounting levels for space-saving interior installation.

Bayable on all sides.

Four eyebolts, fitted.

Door:

with foamed-in seal, 4-point latch locking rod, double-bit insert to DIN 43668.

Door hinge may be swapped from right to left.

Hinges with captive hinge pins, door opening angle 130° to VDI, can be retrofitted to 180°.

Rear panel and roof plate:

With foamed-in seal, removable

All screw-fastened cover parts with automatic potential equalisation and prepared for the attachment of earthing straps.

Accessories:

Side panels with foamed-in seal and assembly screws for finishing off the sides.

Protection category: IP 55

Material:

1.5 mm sheet steel

Surface finish:

Electrophoretic dipcoat-primed

Outside surfaces powder-coated in textured RAL 7035

Dimensions (W x H x D): 400 x 1800 x 500 mm