04/2023

Mod:C40B/10BF

Production code: CFD006

Diamond

TECHNICAL CARD OF COLD ROOM C40B/10BF

MODULAR COLD ROOM ISO 100
EXTERNAL DIMENSIONS 1630 x 1430 x H 2230 mm
INTERNAL DIMENSIONS 1430 x 1230 x H 2030 mm
VOLUME 3.57 m³

PANELS

Wall/ceiling panels

The modular cold room is made of cam lock wall and ceiling panels in thickness 100 mm with internal and external finish in white anti-scratch galvanized pre-painted steel sheet, thickness 0,5 mm. Their insulation is guaranteed by the use of polyurethane foam (PUR) density = 43 Kg/m³.
Reaction to fire classification B – s3, d0

Floor panels

The floor panels in thickness 100 mm have an internal finish in non-slip phenolic plywood, thickness 9 mm and an external finish in white anti-scratch galvanized pre-painted steel sheet, thickness 0,5 mm. Their insulation is guaranteed by the use of polyurethane foam (PUR) density = 43 Kg/m³. They are vehicular floor panels with static capacity 4000 Kg/m², dynamic capacity 1500 Kg and punctual capacity 300 Kg.
Reaction to fire classification B – s3, d0

COMPONENTS

Edges

The corner joint system between wall/ceiling and floor panels is realized through foamed edges in white anti-scratch galvanized pre-painted steel sheet, thickness 0,5 mm. Their insulation is guaranteed by the use of polyurethane foam (PUR) density = 50 Kg/m³. They have an external radius of R8 mm and an internal radius of R15 mm that complies with the hygiene-health standards.
Reaction to fire classification B – s3, d0

Corner caps

The PUR corner caps ensure the perfect junction between panels and edges avoiding possible thermal bridges among the components.
Reaction to fire classification B – s3, d0

HINGED DOOR ON PANEL

Clear passage 700 x H 1900 mm (50 mm decentralized on the right) on panel 1000 x H 2000 mm

The hinged door on panel in thickness 100 mm has an internal and external finish in white anti-scratch galvanized pre-painted steel sheet, thickness 0,5 mm. Its insulation is guaranteed by the use of polyurethane foam (PUR) density = 43 Kg/m³. The blade is finished with smooth anodized aluminum profile, rounded and without visible screws. The frame is finished with PVC profile for thermal break. There is a PVC gasket and EPDM rubber thermal resistance around the perimeter of the blade. The hinges with ramp are in composite material with 12 mm pin and vertical adjustment 24 mm. The fastening is in composite material with outside key and inside safety release push-button; adjusting on the catch, European standard compliant cylinder.
Reaction to fire classification B – s3, d0

ACCESSORIES

Pressure relief valve
Anti-condensation heating cable 230V 133W around the perimeter of the frame