

Rolling shutter [Double skin] - Decotherm S - DD

Application – Internal / External

Material - Galvanized steel

Standard & certification:

Providing and fixing of double skin rolling shutter Decotherm S DD made of galvanized steel. Shutter infill of 20mm PU rigid foam ensuring excellent thermal insulation and noise reduction from outside up to 22 db. Shutter shall comply with standard wind load class 2 (EN 12424), optionally class 3/4 based on door size.

Double skin Rolling shutter:

Side guide shall be FS 160 A: molded aluminum guide rails with guide channel, black plastic runner. Support brackets shall be galvanized steel and bottom profile shall be extruded aluminum profile with EPDM seal. Black plastic strips on the edge of the side guides protect against abrasion and ensure longevity of shutters. Slats shall be made of 0.8mm thick insulated sandwiched panel of size 22mm thick. Rubber seals shall be provided to reduce friction and sound, thereby ensuring a smooth door travel. Vision panels Vision panels can be provided as an optional item if required. Slate profile height should be of 109mm. Shoot bolts should be fitted to interior section for locking. Shutter should have an impulse action while closing, with a touch to any surface it should go back automatically. Supplier should be a direct in-house manufacturer of the leveller and must maintain adequate relevant stock for ready service.

Operator & control panel

The operator shall be direct drive 3-phase current 400 V, 50 Hz, protection category IP 65, 60 % on-time, integral catch safety device, SMA, AWG, temperature range -20°C to +40°C. Designed for 10cycles/hour and 150 cycles per day. Control panel shall have 445 R (press-and-hold), 3 Phase, 400V, 50Hz, control voltage 24 V. 16A, 3 pin, industrial male socket with 1Mtr cable alongwith controller. Connection cable with CEE male plug in protection category IP 65. Additional accessories like chain hoist and shall be provided as standard 150mm above FFL.

Paint Finish:

RAL9002 on both sides of the panel.

Space requirement:

Minimum head room of 750mm shall be provided Min. fitting depth for operator & support brackets(ET)=540 (Space required for removal of cover is 2 times of cover) with Side space requirement(PS) bearing side = 260mm and (PS) motor side = 440mm