

HATEC - Sunshade system

Typ: Hatec S-50/300

The no-maintenance or little-maintenance system is composed of anodized, corrosion-resistant profiles. Transparent, fix or moving sunshade but which reduces direct sun radiation and heat in summer. It must insure mainly obstacle-free visibility. The system should not need either treatment or maintenance, or it should need this latter one only to a little extent. The system must be sized in accordance with ÖNORM regarding wind load and snow load. No inflection above $L/200$ is allowed, the fixing material should be made of either V2A or V4A stainless steel. The bearing of the vertical louvre boards must be realised in a way that the system should be able to take up the expected dilatations and deformations.

Technical specification:

Louvre board sizes	: 300 mm
Louvre board length	: 6000 mm
Anodic oxidation	: 20 µm E6 EV-1 (A6C0)
Powder coating	: all RAL colors and special colors
Span of supports	: depending on cross section
Support structure	: Steel galvanized 70-80 µm od. in Cr-Ni
Fixing material	: V2A, V4A
Heat insulation of the support structure	: Purenit 10 mm or Röchling UPM 203 (we 5 mm)
Tilt angle of louvre boards	: variable
Drives	: manual, linear drive
Maintenance	: no or very view maintenance

Surface treatment:

Raw aluminium (untreated)	
Natural anodized aluminium	: 20 µm
Powder coated, in RAL colours	: Every RAL color and special color



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