

HATEC - Sunshade system

Typ: Hatec S-50/400

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:

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| Louvre board sizes | : 400 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:

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



LAMELLENTECHNIK & METALLBAU

ALS-Haller GmbH & Co KG, A-7423 Grafenschachen, Gewerbepark 1

Tel.: +43 33 59 29 329 - 0, Fax +43 33 59 29 329 - 44

homepage: www.als-haller.at, e-mail: office@als-haller.at