

## **sundrapé® Ceiling system 5070**

### *Detailed description*

#### **Applications/possibilities**

*large sized sight and sun protection for horizontal or slightly sloped glass roofs or glass fronts in private and commercial living and business areas as well as in public buildings and halls*

#### **Shapes/dimensions**

*straight rail; positioned oppositely to each other  
maximum pitch of the roof 10° out of horizontal*

*one part or two-part curtains  
hanging on runners, cloudy appearance of the curtains  
distance between runners appr. 500 mm*

*width of blind up to a maximum of 6000 mm  
rail length, manual operation up to 7000 mm  
rail length, electric operation up to 14000 mm  
rails of more than 7000 mm with rail connector*

#### **Drapery qualities**

*sundrapé® collection special shading systems 5070  
any kind of decorative draperies and curtains up to  
300 g/m<sup>2</sup>  
sewn curtains with loops hanging on runners*

#### **Rail**

*solid rail profile, one track, extruded as per  
EN 12020-2, length: 7000 mm  
material EN AW-6060/AlMgSi0.5 F22  
E6/EV1, naturally anodized or white powder  
coated RAL 9016  
other coatings on request  
dimensions: width 32 mm, height: 26 mm  
guiding channels for conveyor belt  
special channel with rail aperture for sundrapé®  
runners for rails longer than 7000 mm: solid and  
torsion-free aluminium rail connector*

#### **Rail gear and counter bearing**

*stable plastic box made of high tensile,  
durable polyacetale  
ball-bearing driving axle and deflection roller  
driving axle made of special, torsion-free CuZn-alloy  
drive wheel and deflection roller made of high tensile  
and resistant-to-wear plastic  
screws and axles protected against corrosion  
colours: white or light grey  
measurements box of rail gear: width 50 mm,  
length 80 mm  
measurements box of counter bearing:  
width 37 mm, length 57 mm*

#### **Conveyor belt**

*sundrapé® conveyor belt with a special profile and  
special steel inlay, black  
especially resistant-to-wear due to two-sided  
special coating  
extremely low extension rate for an exact final  
positioning  
safe and form-fit power transmission  
low friction and high flexibility  
very smooth, regular run, low noise  
UV-proof*

#### **Drive runner**

*plastic glider and safety clip, white or light grey  
solid sundrapé® traverse joint, 100 % special steel,  
length: 182 mm  
overlap up to 90 mm in case of two-part curtain  
stable pull rod adapter made of high tensile,  
durable polyacetale  
pull rod adapter can be disconnected from drive  
runner by fastening bolt*

## **sundrapé® Ceiling system 5070**

### **Pull rod**

30 mm aluminium tube, extruded as per EN 12020-2, length: 6000 mm  
 special inner profile avoids twisted mounting  
 inserted into curtain loops  
 pick up with lead joint of aluminium anodized;  
 hanging on runners

### **Runner**

heavy weight runner with galvanized steel axle  
 and hook for curtain transport  
 wheels with special surface, low noise

### **Runner and tension wire**

curtain transport per tension wire, low noise  
 white plastic cover with support clip  
 runner with galvanized steel axle  
 tension wire 3 mm, transparent plastic coated

### **Mounting**

wall and niche mounting with quick locking bolt  
 made of galvanized sheet steel  
 ceiling mounting with adjustable mounting angle  
 made of sheet steel  
 quick locking bolt mounted at moving part of angle  
 adjusting distance of angle: either 85 - 145 mm or  
 145 - 230 mm  
 mounting angles in white or galvanized

### **Manual operation**

simple fixing onto rail gear by means of bayonet  
 locking, locked  
 adjustable exit für chain for sloped blinds  
 fixing either left or right side of rail  
 connecting shaft 16 mm with coupling between  
 the rail gears  
 ball chain operation, length of chain 2000,  
 3000 or 4000 mm or on request  
 ball diametre 7 mm, colour: white  
 cover white or light grey as rail colours

### **Electric operation**

monophase- alternating voltage synchronous  
 motors 230 V/50 Hz with reduction gear  
 running speed 130 mm/second or as a speed  
 version 190 mm/second  
 power: 30 W, 45 W and 65 W single  
 or as tandem drive  
 large blinds are equipped with four drives as  
 double tandem blind  
 end positions adjustable from outside, in case of  
 tandem drive only at pilot motor  
 all shapes also available in speed version and in  
 110 V/60 Hz  
 dimensions with rail gear width 60 x 50 mm x  
 height 310/338/370 mm  
 motors fixed vertically downward, covered by  
 curtain and cover profile  
 simple fixing onto rail gear with bayonet locking,  
 locked  
 position in case of tandem drive at both sides of  
 the rail, either on right or left side, or in case of  
 double tandem right and left  
 colours white or light grey as rail colours  
 accessories: motor coupling piece, fixing clamp  
 protection: IP 40, only for dry rooms  
 certificates: VDE/EMV/CE

### **Operation elements/ control elements**

single operation with pushbutton/locking switch  
 or radio remote control

group control with: pushbutton/locking switch or  
 radio remote control with group control unit  
 and/or overriding central control unit and/or  
 brightness control

apt. for BUS system application