

S E F A R

## SEFAR® ARCHITECTURE

### AL 02-70

#### Light-transmitting fabric

Material: PVDF  
Width: 158 cm

#### Light transmission

 70%

#### Diffuse light component (gaze)

Very high, with minimal colour shift

#### Outdoor applications

Membrane and lamellar structures, etc.

#### Indoor applications

Luminous ceilings and walls, ceiling awnings, lamellar structures, room dividers, projection surfaces, etc.

#### Benefits

Permanently UV-resistant and colourfast, weather-proof, dirt- and water-repellent, no absorption of moisture, low weight per square metre, high functional and aesthetic qualities thanks to optimized technical specifications for fabric manufacture and light transmission

#### Technical specifications - fabric

Fabric material: **PVDF (polyvinylidene fluoride)**

Coating material: **100% fluoropolymer mix**

Fabric width (cm): **158, other widths on request**

Weave: **plain weave 1/1**

Weight (g/m<sup>2</sup>): **240**

Maximum tensile strength, warp/weft (N/5cm): **1050/1050 DIN 53354**

Maximum tensile elongation, warp/weft (%): **40/25 DIN 53354**

Tear resistance, warp/weft (N): **35/50 to DIN 53859-5**

Water column (mm): **>700**

Fire behaviour: **B1 to DIN 4102; B-s1, d0 according to DIN EN 13501-1**

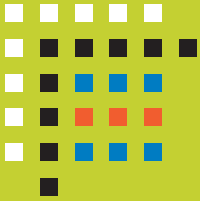
#### Technical specifications - light transmission

Degree of transmission (%): **72**

Degree of reflection (%): **27**

Absorption (%): **1**

AL = Aerolight, coating developed by Aeronautec GmbH, Germany



S E F A R

## SEFAR® ARCHITECTURE

### AL 02-80

#### Light-transmitting fabric

Material: PVDF  
Width: 158 cm

#### Light transmission

 80%

#### Diffuse light component (gaze)

Very high, with minimal colour shift

#### Outdoor applications

Membrane and lamellar structures, etc.

#### Indoor applications

Luminous ceilings and walls, ceiling awnings, lamellar structures, room dividers, etc.

#### Benefits

Permanently UV-resistant and colourfast, weather-proof, dirt- and water-repellent, no absorption of moisture, low weight per square metre, high functional and aesthetic qualities thanks to optimized technical specifications for fabric manufacture and light transmission

#### Technical specifications - fabric

Fabric material: **PVDF (polyvinylidene fluoride)**

Coating material: **100% fluoropolymer mix**

Fabric width (cm): **158, other widths on request**

Weave: **plain weave 1/1**

Weight (g/m<sup>2</sup>): **220**

Maximum tensile strength, warp/weft (N/5cm): **1050/1050 DIN 53354**

Maximum tensile elongation, warp/weft (%): **40/25 DIN 53354**

Tear resistance, warp/weft (N): **35/50 to DIN 53859-5**

Water column (mm): **>500**

Fire behaviour: **B1 to DIN 4102; B-s1, d0 according to DIN EN 13501-1**

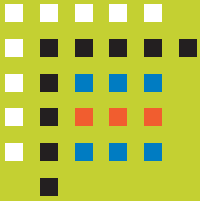
#### Technical specifications - light transmission

Degree of transmission (%): **80**

Degree of reflection (%): **19**

Absorption (%): **1**

AL = Aerolight, coating developed by Aeronautec GmbH, Germany



SEFAR

## SEFAR® ARCHITECTURE AS 02-70-P

### Light-transmitting and acoustic fabric

Material: PVDF  
Width: 145 cm

### Light transmission

 70%

### Diffuse light component (gaze)

Very high, with minimal colour shift

### Indoor applications

Luminous ceilings and walls,  
lamellar structures, room dividers,  
acoustic awnings, etc.

### Benefits

Permanently UV-resistant and  
colourfast, weather-proof, dirt-  
repellent, no absorption of moi-  
sture, low weight per square  
metre, high functional and aes-  
thetic qualities thanks to optimi-  
zed technical specifications for  
fabric manufacture and light  
transmission

### Technical specifications - fabric

Fabric material: **PVDF (polyvinylidene fluoride), perforated**

Coating material: **100% fluoropolymer mix**

Fabric width (cm): **145, other widths on request**

Weave: **plain weave 1/1**

Weight (g/m<sup>2</sup>): **240**

Maximum tensile strength, warp/weft (N/5cm): **800/800 DIN 53354**

Maximum tensile elongation, warp/weft (%): **35/20 DIN 53354**

Tear resistance, warp/weft (N): **30/45 to DIN 53859-5**

Fire behaviour: **B1 to DIN 4102; B-s1, d0 according to DIN EN 13501-1**

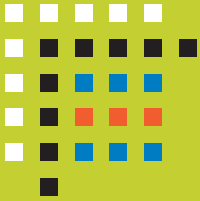
### Technical specifications - light transmission

Degree of transmission (%): **72**

Degree of reflection (%): **7**

Absorption (%): **1**

AS = Aerosound, coating developed by Aeronautec GmbH, Germany



SEFAR

## SEFAR® ARCHITECTURE AS 02-80-P

### Light-transmitting and acoustic fabric

Material: PVDF  
Width: 145 cm,

### Light transmission

 80%

### Diffuse light component (gaze)

Very high, with minimal colour shift

### Indoor applications

Luminous ceilings and walls,  
lamellar structures, room dividers,  
acoustic awnings, etc.

### Benefits

Permanently UV-resistant and  
colourfast, weather-resistant, dirt-  
repellent, no absorption of mois-  
ture, low weight per square  
metre, high functional and aes-  
thetic qualities thanks to optimi-  
zed technical specifications for  
fabric manufacture and light  
transmission

### Technical specifications - fabric

Fabric material: **PVDF (polyvinylidene fluoride), perforated**

Coating material: **100% fluoropolymer mix**

Fabric width (cm): **145, other widths on request**

Weave: **plain weave 1/1**

Weight (g/m<sup>2</sup>): **220**

Maximum tensile strength, warp/weft (N/5cm): **800/800 DIN 53354**

Maximum tensile elongation, warp/weft (%): **35/20 DIN 53354**

Tear resistance, warp/weft (N): **30/45 to DIN 53859-5**

Fire behaviour: **B1 to DIN 4102; B-s1, d0 according to DIN EN 13501-1**

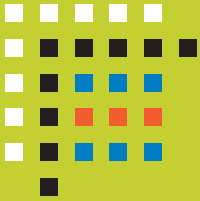
### Technical specifications - light transmission

Degree of transmission (%): **80**

Degree of reflection (%): **19**

Absorption (%): **1**

AS = Aerosound, coating developed by Aeronautec GmbH, Germany



SEFAR

## SEFAR® ARCHITECTURE AS 02-65-K

### Light-transmitting and acoustic fabric

Material: PVDF  
Width: 146 cm, 340 cm

### Light transmission

 65%

### Diffuse light component (gaze)

Very high, with minimal colour shift

### Indoor applications

Luminous ceilings and walls,  
lamellar structures, room dividers,  
acoustic awnings, etc.

### Benefits

Permanently UV-resistant and  
colourfast, weather-resistant,  
dirt-repellent, no absorption of  
moisture, low weight per square  
metre, high functional and aes-  
thetic qualities thanks to optimi-  
zed technical specifications for  
fabric manufacture and light  
transmission

### Technical specifications - fabric

Fabric material: **PVDF (polyvinylidene fluoride), calendered**

Fabric width (cm): **146, 340, other widths on request**

Weave: **Twill 1/3**

Weight (g/m<sup>2</sup>): **440**

Maximum tensile strength, warp/weft (N/5cm): **1800/1000 DIN 53354**

Maximum tensile elongation, warp/weft (%): **35/27 DIN 53354**

Tear resistance, warp/weft (N): **40/80 to DIN 53859-5**

Fire behaviour: **B1 to DIN 4102; B-s1, d0 according to DIN EN 13501-1**

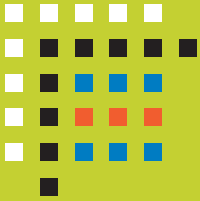
### Technical specifications - light transmission

Degree of transmission (%): **64**

Degree of reflection (%): **35**

Absorption (%): **1**

AS = Aerosound



SEFAR

## SEFAR® ARCHITECTURE AR 24-25

### Light-transmitting fabric

Material: PTFE  
Width: 158 cm

### Light transmission

 25%

### Diffuse light component (gaze)

Very high, with minimal colour shift

### Outdoor applications

Membrane and lamellar structures, sun blinds, extensive convertible structures, screens, awnings, etc.

### Indoor applications

Luminous ceilings and walls, ceiling awnings, lamellar structures, projection surfaces, etc.

### Benefits

Permanently UV-resistant and colourfast, weather-proof, dirt- and water-repellent, no absorption of moisture, low weight per square metre with maximum tensile strength, high functional and aesthetic qualities thanks to optimized technical specifications for fabric manufacture and light transmission

### Technical specifications - fabric

Fabric material: **PTFE (polytetrafluorethylene)**

Coating material: **100% fluoropolymer mix**

Fabric width (cm): **158, other widths on request**

Weave: **Panama 2/2**

Weight (g/m<sup>2</sup>): **290**

Maximum tensile strength, warp/weft (N/5cm): **2000/2050 DIN 53354**

Maximum tensile elongation, warp/weft (%): **11/10 DIN 53354**

Tear resistance, warp/weft (N): **tearproof acc. ISO13937-2**

Water column (mm): **>3000**

Fire behaviour: **B1 to DIN 4102; B-s1, d0 according to DIN EN 13501-1**

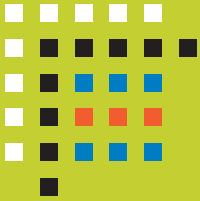
### Technical specifications - light transmission

Degree of transmission (%): **25**

Degree of reflection (%): **74**

Absorption (%): **< 1**

AR = Aeroresistant, coating developed by Aeronautec GmbH, Germany



SEFAR

## SEFAR® ARCHITECTURE AR 24-50

### Light-transmitting fabric

Material: PTFE  
Width: 158 cm

### Light transmission

 50%

### Diffuse light component (gaze)

Very high, with minimal colour shift

### Outdoor applications

Membrane and lamellar structures, sun blinds, convertible structures, screens, awnings, etc.

### Indoor applications

Luminous ceilings and walls, ceiling awnings, lamellar structures, projection surfaces, etc.

### Benefits

Permanently UV-resistant and colourfast, weather-proof, dirt- and water-repellent, no absorption of moisture, low weight per square metre, high functional and aesthetic qualities thanks to optimized technical specifications for fabric manufacture and light transmission

### Technical specifications - fabric

Fabric material: **PTFE (polytetrafluorethylene)**

Coating material: **100% fluoropolymer mix**

Fabric width (cm): **158, other widths on request**

Weave: **cross-twill 2/2**

Weight (g/m<sup>2</sup>): **270**

Maximum tensile strength, warp/weft (N/5cm): **1000/1250 DIN 53354**

Maximum tensile elongation, warp/weft (%): **11/11 to DIN 53354**

Tear resistance, warp/weft (N): **140/130 to DIN 53859-5**

Water column (mm): **>10.000**

Fire behaviour: **B1 to DIN 4102; B-s1, d0 according to DIN EN 13501-1**

### Technical specifications - light transmission

Degree of transmission (%): **50**

Degree of reflection (%): **49**

Absorption (%): **< 1**

AR = Aeroresistant, coating developed by Aeronautec GmbH, Germany

## SEFAR® ARCHITECTURE

### AR 24-25-H

#### Light-transmitting fabric

Material: PTFE  
Width: 158 cm

#### Light transmission

 25%

#### Diffuse light component (gaze)

Very high, with minimal colour shift

#### Outdoor applications

Membrane and lamellar structures, sun blinds, extensive convertible structures, screens, awnings, etc.

#### Benefits

Permanently UV-resistant and colourfast, weather-proof, dirt- and water-repellent, no absorption of moisture, low weight per square metre with maximum tensile strength, high functional and aesthetic qualities thanks to optimized technical specifications for fabric manufacture and light transmission

#### Technical specifications - fabric

Fabric material: **PTFE (polytetrafluorethylene)**

Coating material: **100% fluoropolymer mix**

Fabric width (cm): **158, other widths on request**

Weave: **plain weave 1/1**

Weight (g/m<sup>2</sup>): **570**

Maximum tensile strength, warp/weft (N/5cm): **4600/4350 DIN 53354**

Maximum tensile elongation, warp/weft (%): **16/4 to DIN 53354**

Tear resistance, warp/weft (N): **669/550 to DIN 53859-5**

Water column (mm): **>10.000**

Fire behaviour: **B1 to DIN 4102; B-s1, d0 according to DIN EN 13501-1**

#### Technical specifications - light transmission

Degree of transmission (%): **25**

Degree of reflection (%): **74**

Absorption (%): **< 1**

AR = Aeroresistant, coating developed by Aeronautec GmbH, Germany