

TECHNOFORM

Product catalog

Thermal edge bond solutions for insulating glass

Hello, we are Technoform!

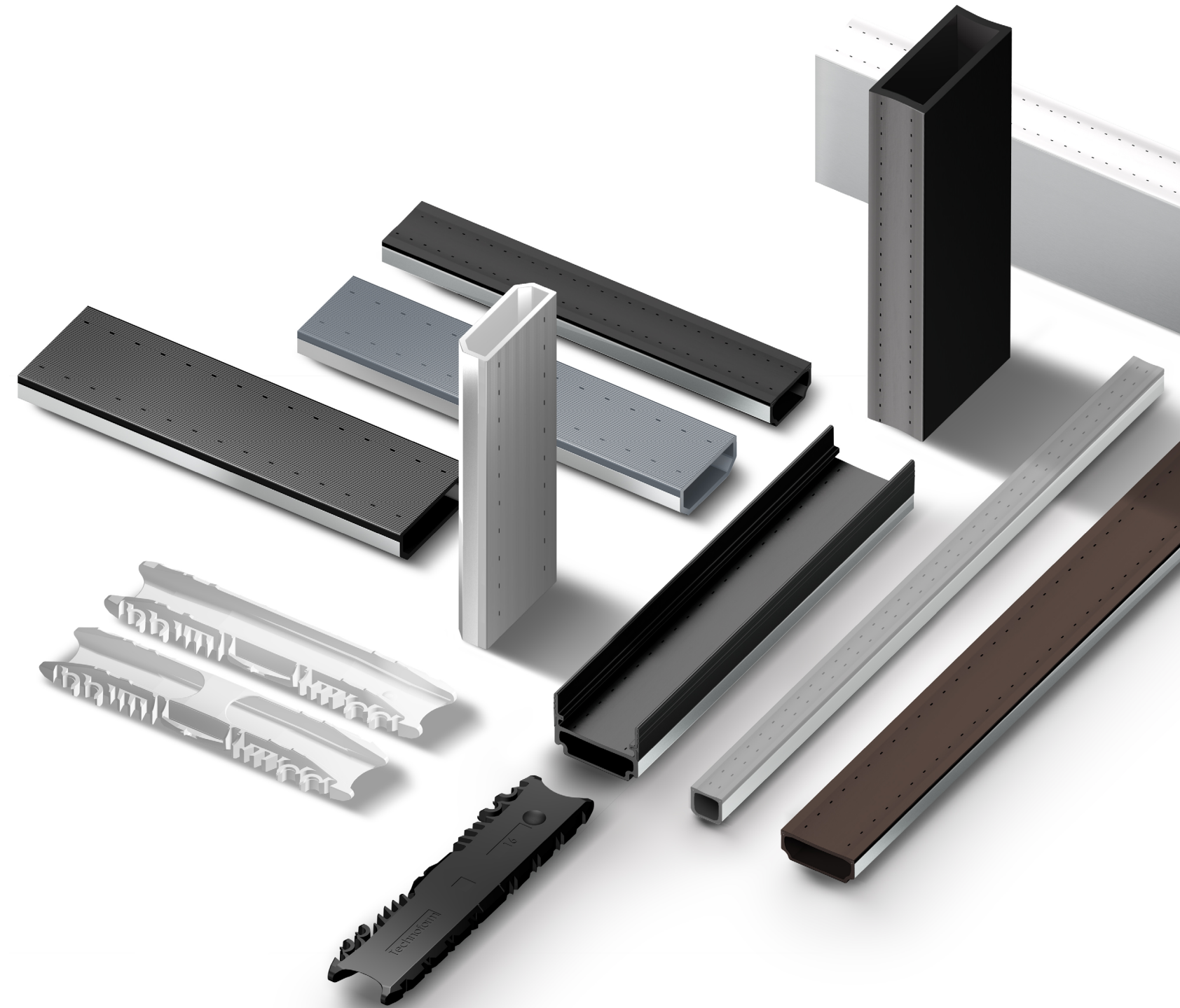
As a family company, we know that people empower every business. We firmly believe that the best ideas are always born together. We are Technoform – 1,600 and growing, dedicated innovators that work for our customers worldwide.

Understanding what drives customers and markets since 1969, we develop leading solutions collaboratively. Providing 100% reliability and quality on all levels, we offer the same level of high-quality services and solutions all around the world.

45 sites in over 40 countries ensure continuous supply wherever you are.

Performing 360° precision and 1,000+ skills, our highly trained team turns individual needs into tailored technological solutions.

Delivering quantities from 1 to 1,000,000 our customers can rely on receiving the best available package of quality, quantity, time, and value.



Category

Slim size frames

Standard applications

Muntin bars

Project applications

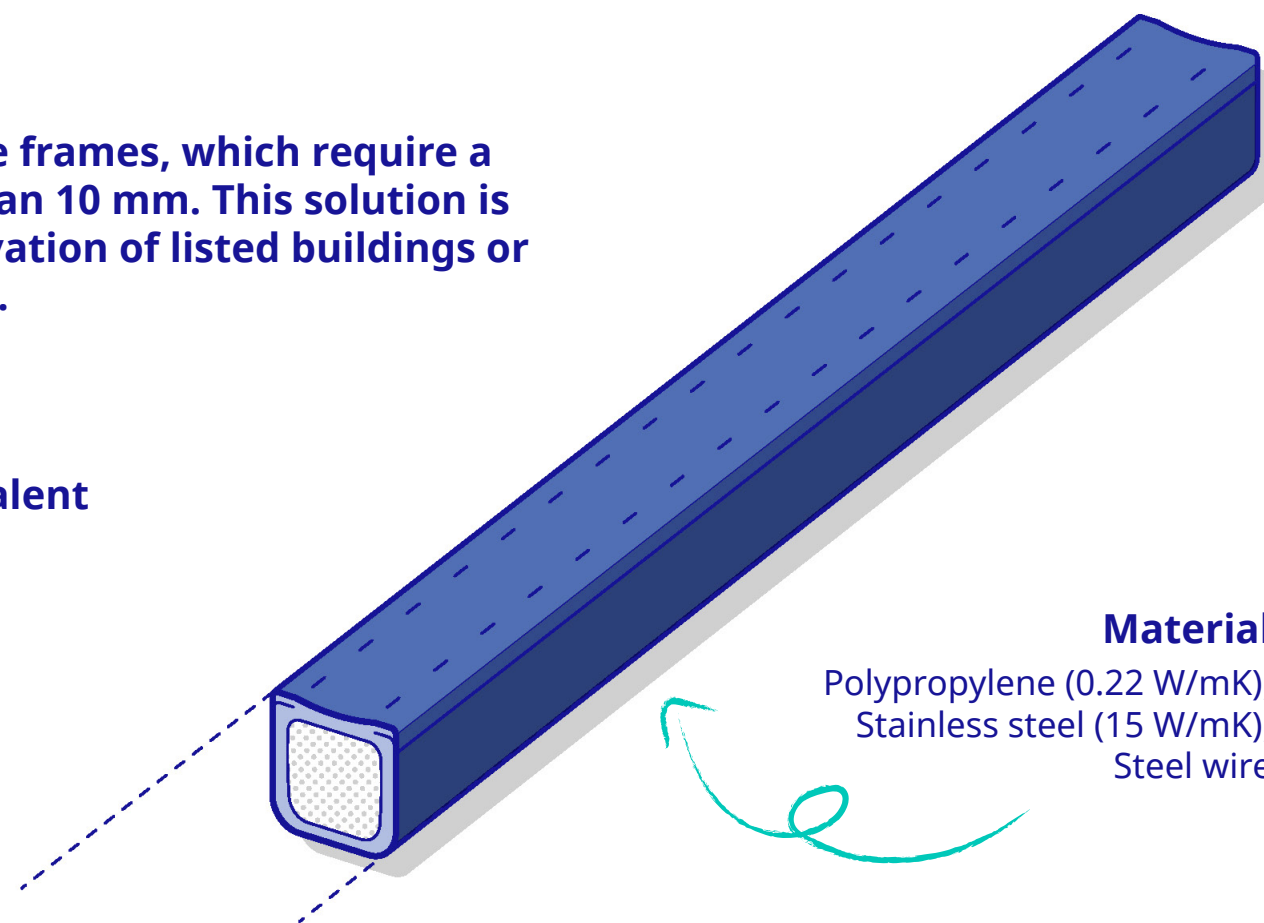
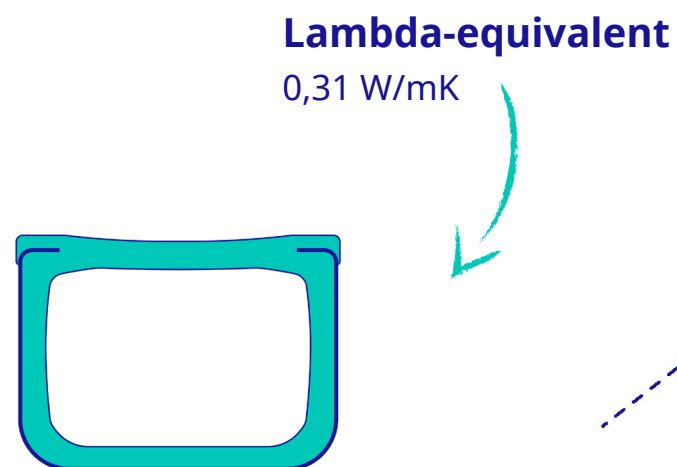
Integral blinds

Accessory:
Technoform connector

Category

SP12 | Solutions for spaces between panes under 10 mm

These spacers are ideal for slim size frames, which require a space between the panes of less than 10 mm. This solution is suitable, for example, for the renovation of listed buildings or for commercial freezers and chests.



Slim size frames

Standard colors



Widths

6,2 mm*

8 mm

Custom colors



Certificates

- EN 1279 2, 3 & 6 appendix B
- EN 1279-4:2018, appendix C, H + ift- guideline VE-07/3 2018-01
- EN ISO 4892-2, DTA and ASTM
- DIN EN ISO 4892-2 DTA und ASTM E2190
- RAL Quality mark for insulating glass units
- Certified Passive House Component Class pHB for Cold Climate.

Accessory articles:

Steel straight connector:

CN11 (Eduard Kronenberg),
CN16 (Eduard Kronenberg),
CN24 (Eduard Kronenberg)

Corner key:

CN10 (Cera)

Plugs long:

CN32 (Cera)

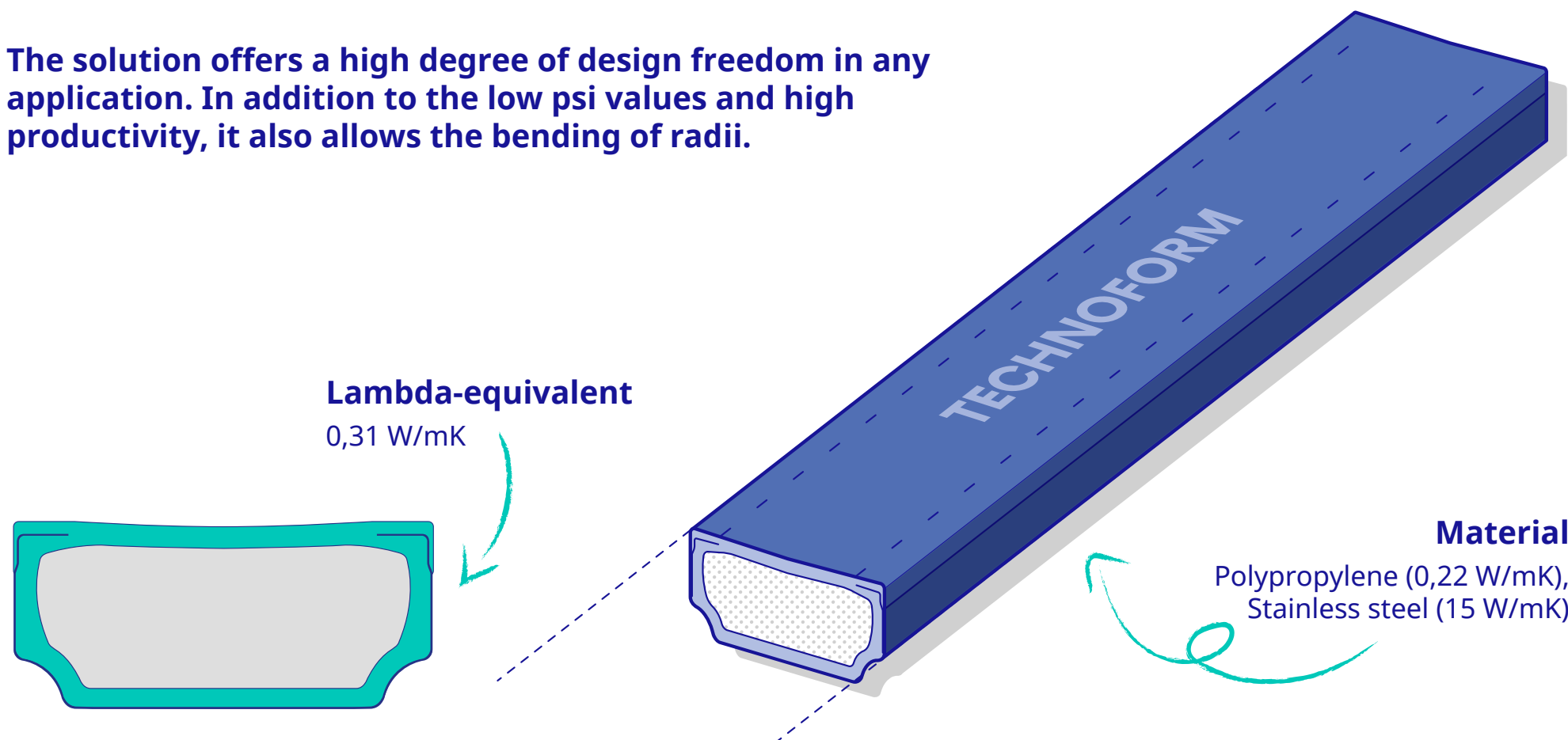
Flexible corner key:

CN72 (Cera)

Category

SP13 | Warm edge solution without wire

The solution offers a high degree of design freedom in any application. In addition to the low psi values and high productivity, it also allows the bending of radii.



Lambda-equivalent
0,31 W/mK

Material

Polypropylene (0,22 W/mK),
Stainless steel (15 W/mK)

Accessory articles:

Steel straight connector: CN22 (Eduard Kronenberg),
CN23 (Eduard Kronenberg)

Plastic straight connector: CN53 (Technoform),
CN54 (Technoform)

Corner key: CN28 (Cera), CN59 (Schmitz)

Gas filling corner key: CN29 with hole (Cera),
CN30 without hole (Cera)

Plugs long: CN32 (Cera)

Flexible corner key: CN72 (Cera)

Standard applications

Standard colors



Custom colors



Certificates

- EN 1279 2, 3 & 6 appendix B
- EN 1279-4:2018, appendix C, H + ift- guideline VE-07/3 2018-01
- EN ISO 4892-2, DTA and ASTM
- DIN EN ISO 4892-2 DTA und ASTM E2190
- RAL Quality mark for insulating glass units
- Certified Passive House Component Class phB for Cold Climate.

Widths

10 mm

12 mm

13 mm

14 mm

15 mm

16 mm

17 mm

18 mm

20 mm

22 mm

24 mm

26 mm

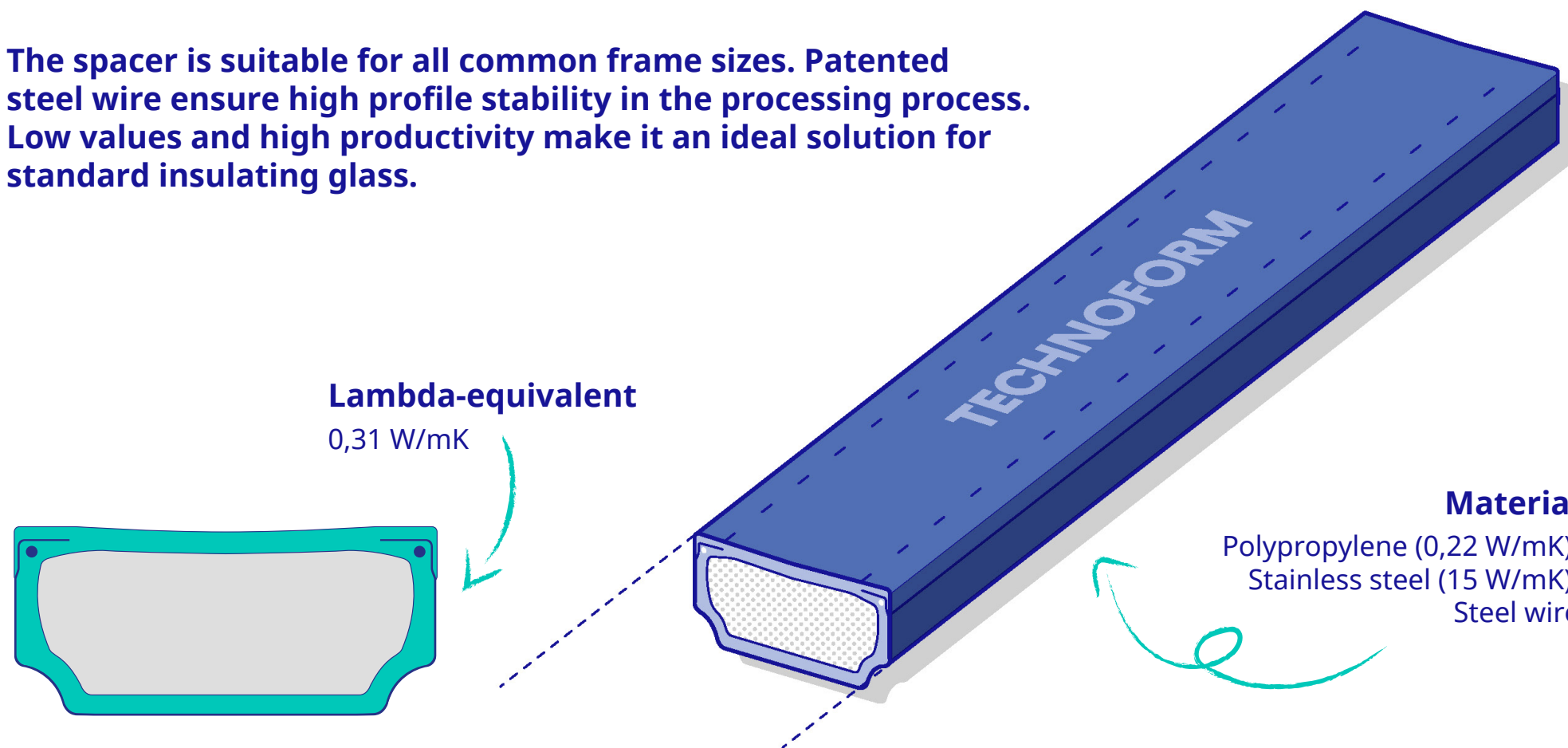
28 mm

30 mm

32 mm

SP14 | Warm edge solution with wire

The spacer is suitable for all common frame sizes. Patented steel wire ensure high profile stability in the processing process. Low values and high productivity make it an ideal solution for standard insulating glass.



Lambda-equivalent
0,31 W/mK

Material

Polypropylene (0,22 W/mK),
Stainless steel (15 W/mK),
Steel wire

Standard colors



Custom colors



Widths

10 mm

12 mm

13 mm

14 mm

15 mm

16 mm

17 mm

18 mm

20 mm

22 mm

24 mm

26 mm

28 mm

30 mm

32 mm

Certificates

- EN 1279 2, 3 & 6 appendix B
- EN 1279-4:2018, appendix C, H + ift- guideline VE-07/3 2018-01
- EN ISO 4892-2, DTA and ASTM
- DIN EN ISO 4892-2 DTA und ASTM E2190
- RAL Quality mark for insulating glass units
- Certified Passive House Component Class phB for Cold Climate.

Accessory articles:

Steel straight connector: CN22 (Eduard Kronenberg), CN23 (Eduard Kronenberg)

Plastic straight connector: CN53 (Technoform), CN54 (Technoform)

Corner key: CN28 (Cera), CN59 (Schmitz)

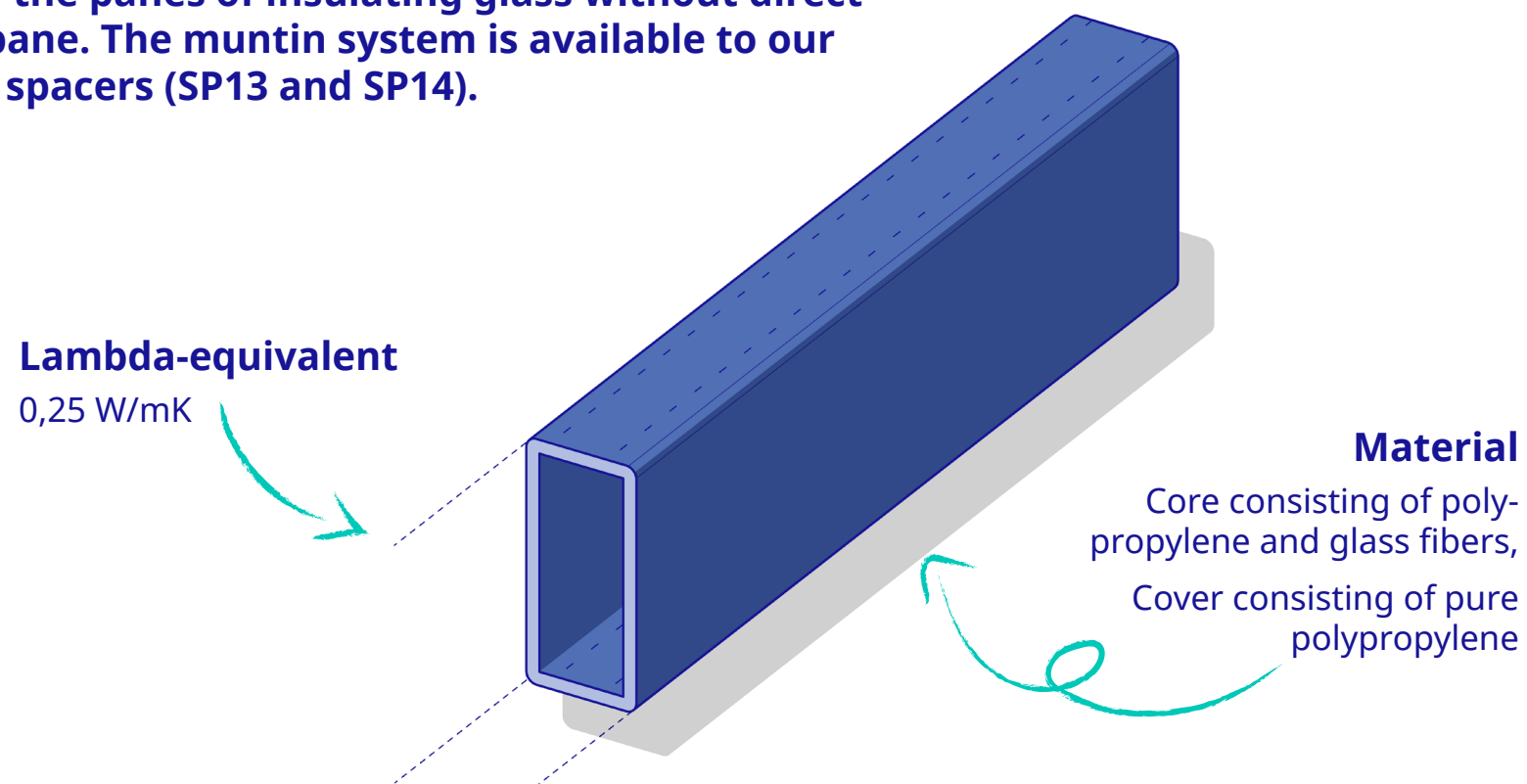
Gas filling corner key: CN29 with hole (Cera), CN30 without hole (Cera)

Plugs long: CN32 (Cera)

Flexible corner key: CN72 (Cera)

MU10 | Warm edge muntin bar system

The muntin bar system, known as the „Wiener Sprosse“, is placed in the space between the panes of insulating glass without direct contact to the glass pane. The muntin system is available to our standard warm-edge spacers (SP13 and SP14).



Standard colors



Custom colors



Certificates

- EN 1279-6
- EN ISO 4892-2

Widths

9,5 x 21,5 mm

9,5 x 25,5 mm

9,5 x 31,5 mm

11,5 x 21,5 mm

11,5 x 25,5 mm

11,5 x 31,5 mm

13,5 x 21,5 mm

13,5 x 31,5 mm

Accessory articles:

Cross-shaped connector: CN55 (Cera)

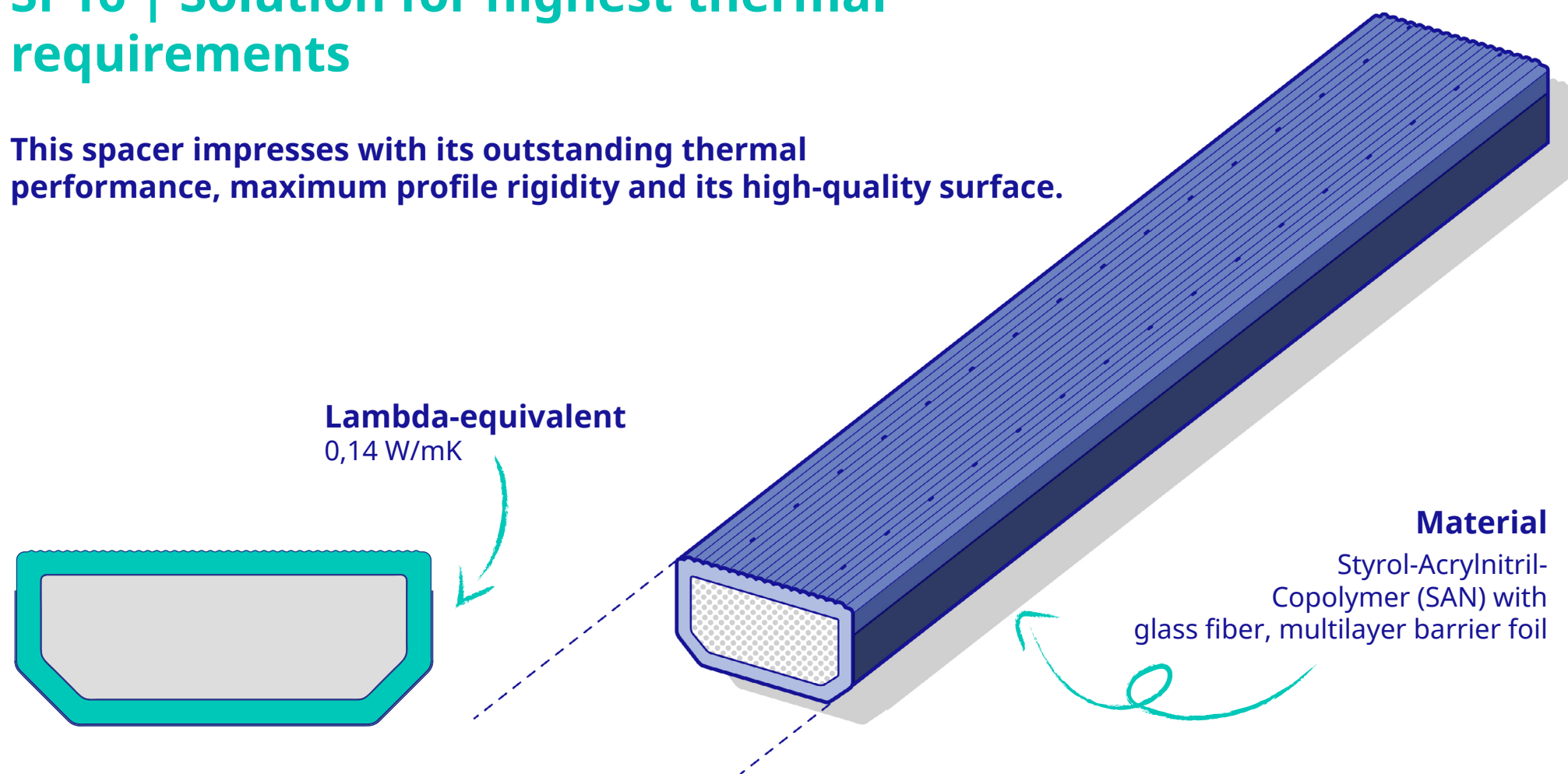
Staple edge key: CN56 (Cera)

Edge key round: CN57 (Cera)

Category

SP16 | Solution for highest thermal requirements

This spacer impresses with its outstanding thermal performance, maximum profile rigidity and its high-quality surface.



Lambda-equivalent
0,14 W/mK

Material

Styrol-Acrylnitril-Copolymer (SAN) with glass fiber, multilayer barrier foil

Project applications

Standard colors



Custom colors



Widths

10 mm

12 mm

14 mm

15 mm

16 mm

18 mm

20 mm

22 mm

Certificates

- EN 1279 2, 3 & 6
- EN ISO 4892-2 DTA
- EN 1279-4:2018, appendix C, H + ift- guideline VE-07/3 2018-01
- RAL Quality mark for insulating glass units
- It is a certified Passive House Component-Class pH A for Arctic Climate.

Accessory articles:

Plastic straight connector: CN44 (Schmitz)

Corner key: CN45 mit Butyl (S&T), CN46 (S&T)

Flexible Corner key: CN47 (S&T)

Gas filling corner key: CN49 without hole (S&T), CN48 with hole (S&T)

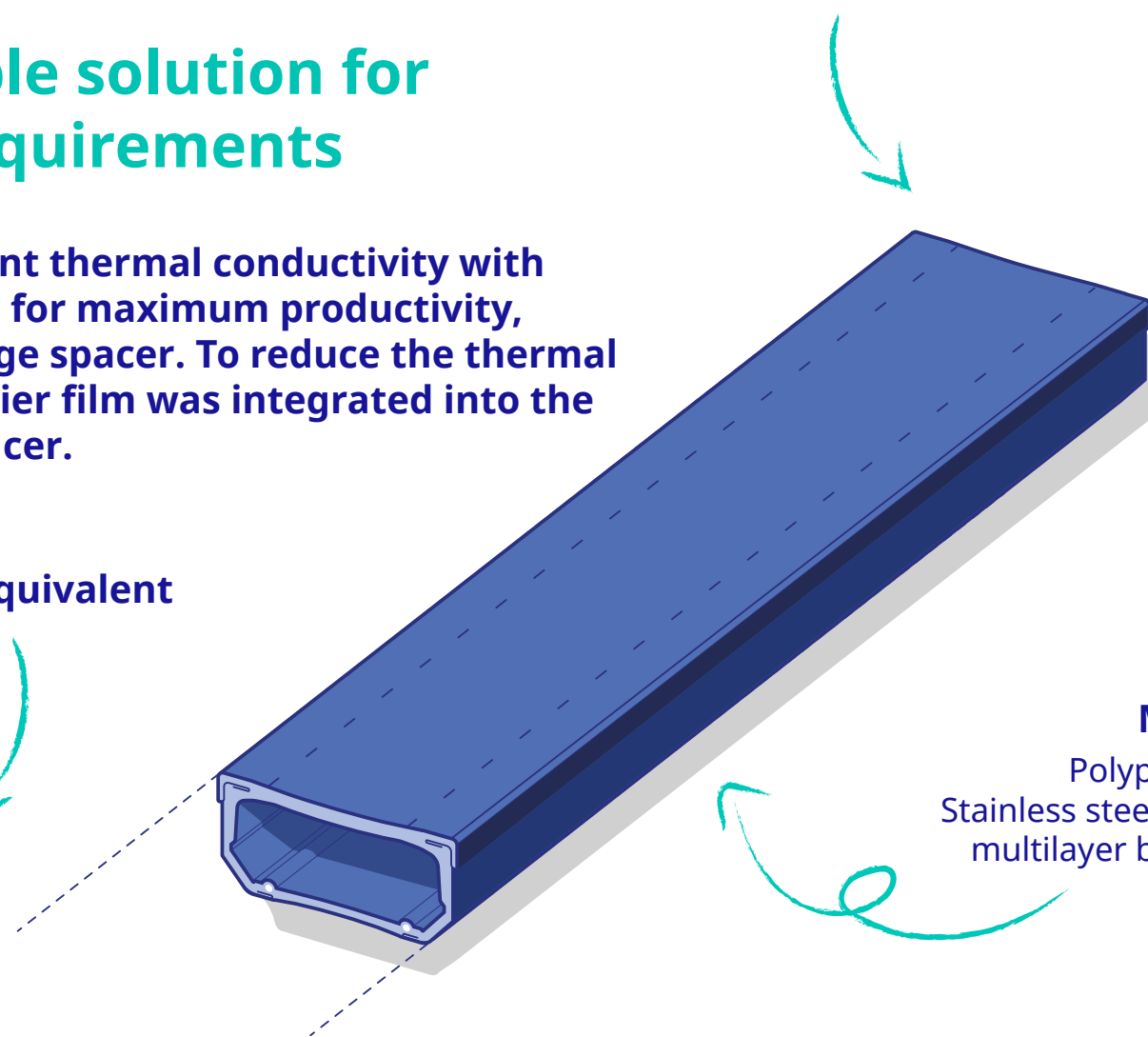
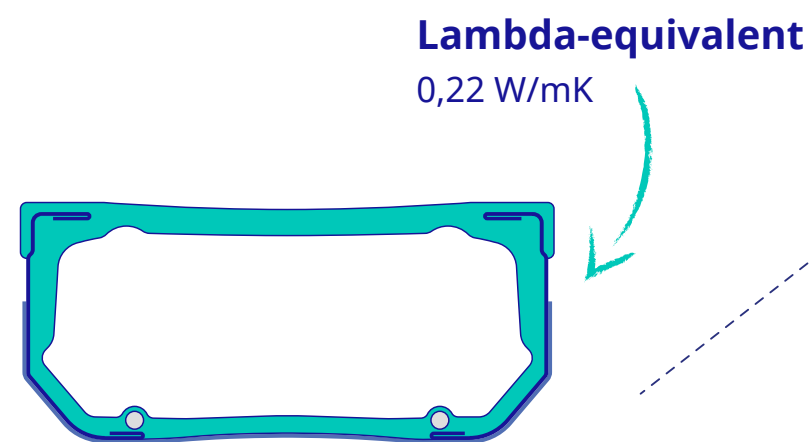
Gas filling plug: CN50 (Cera)

Category

SP24 | Cold bendable solution for highest thermal requirements

This solution combines excellent thermal conductivity with the advantage of cold bending for maximum productivity, similar to a standard warm edge spacer. To reduce the thermal conductivity, a multilayer barrier film was integrated into the stainless steel sheet of the spacer.

Available 2024



Material
Polypropylene,
Stainless steel (1.4016),
multilayer barrier foil

Project applications

Standard colors



Custom colors



Widths

12 mm

14 mm

16 mm

18 mm

20 mm

Certificates

- EN 1279 part 2 & 3 with PU and PS
- EN 1279-4:2018, appendix C, H

Accessory articles:

Plastic straight connector: CN54 (Technoform)
CN53 (Technoform)

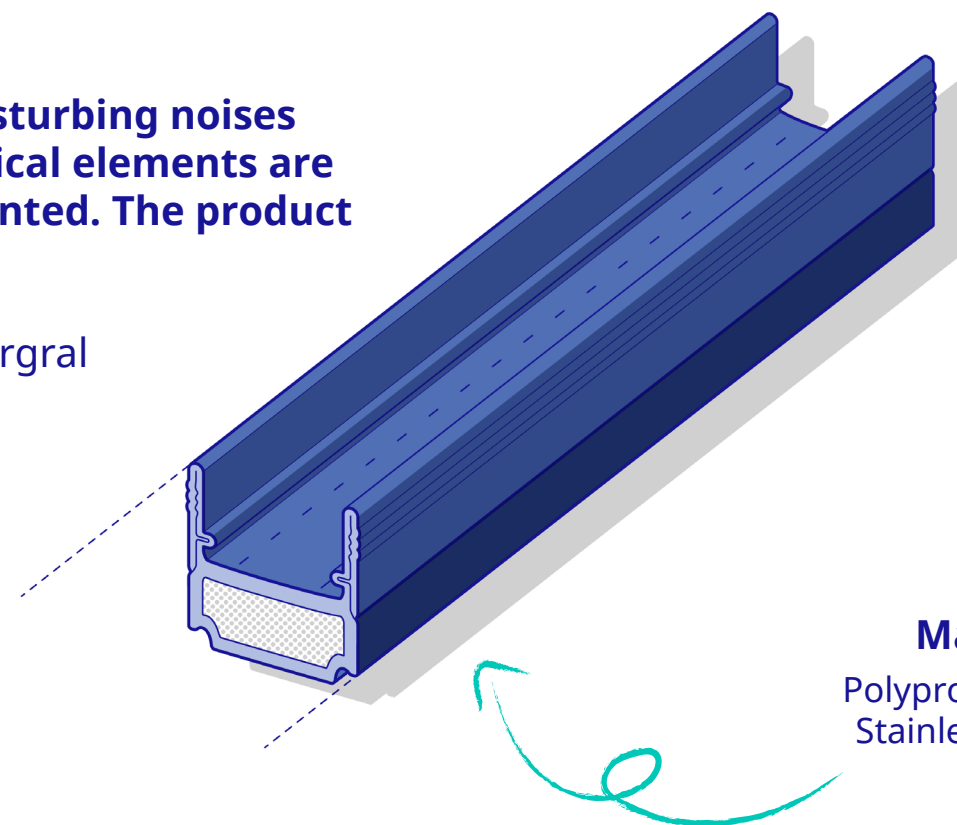
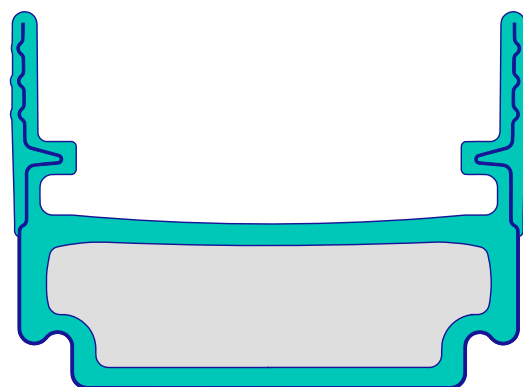
Category

SP15 | Solution for sun protection in the space between the panes

The spacer guides internal blinds without disturbing noises or damage to the glass surface. The mechanical elements are concealed and the incidence of light is prevented. The product is characterized by low psi values.

Find out more about our spacer system for intergral blinds from Pellini:

[Screenline: integral blinds patented by Pellini](#)



Material
Polypropylene,
Stainless steel

Integral blinds

Standard colors



Widths

16 mm*

20 mm*

22 mm*

Custom colors



Certificates

• EN 1279 2, 3 & 6

Accessory articles:

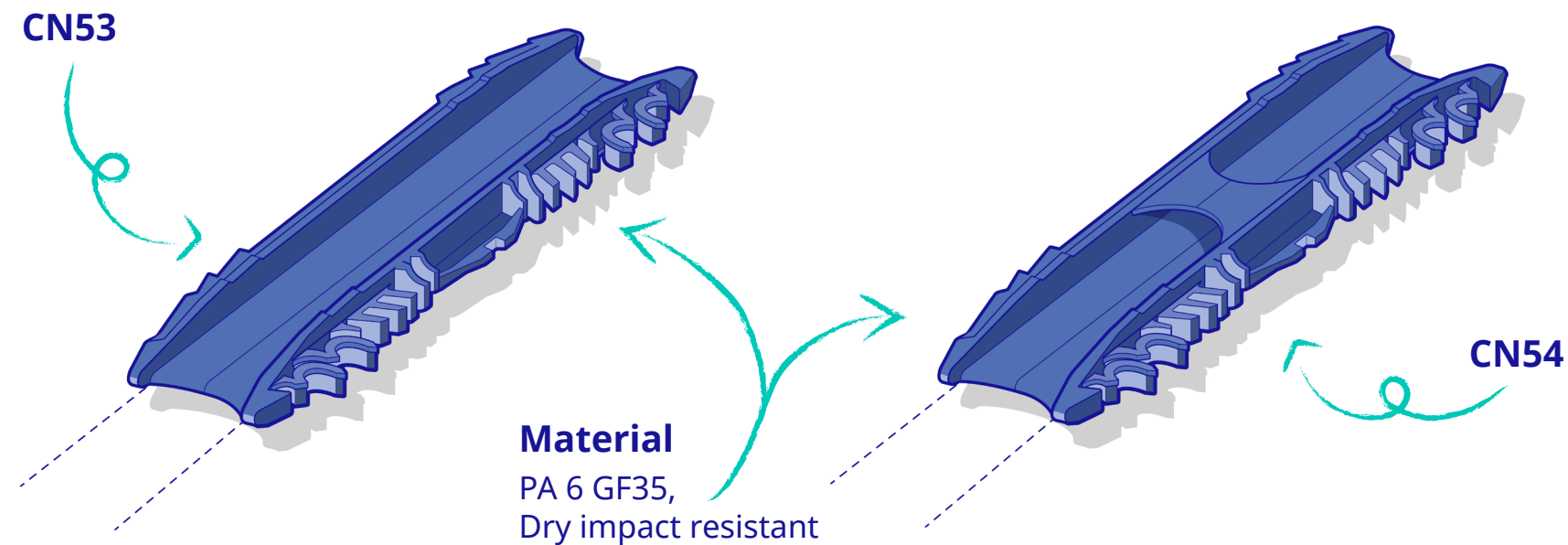
Plastic corner key: CN42 (Cera)

Category

CN53 | Solution for the frame connection without a bridge

CN54 | Solution for the frame connection with a bridge

The connector solutions are suitable for both manual and frame bender processing and perfectly complement the spacer geometry.



Accessory

Standard colors



Certificates

- Fogging Test EN 1279-4:
IFT Rosenheim
- TÜV Rheinland Nederland B.V.

Widths CN53

12 mm

14 mm

16 mm

18 mm

20 mm

Widths CN54

14 mm

15 mm

16 mm

18 mm

20 mm