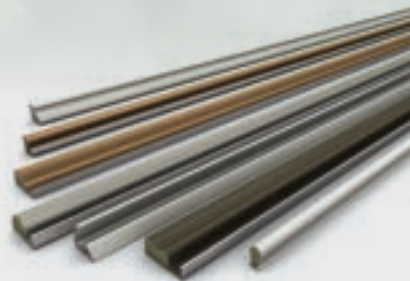


SCHLEGEL **PROTECTS** WHATEVER THE WEATHER



HIGH PERFORMANCE
SEALING SOLUTIONS



Quanex[®]

Schlegel

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ABOUT US

Schlegel was founded in Rochester, USA, in 1885 as a textile company. In 1930, it began producing brush seals and sealing profiles for buildings, before introducing foam seals in the 1960s.



1885
Schlegel is founded in Rochester, USA, as a textile company.

1930
The company starts producing trimmings for carriages, baskets and clothing.

1950
Start of production of brush pile seals and profile seals for buildings.

1960
Developed moulded urethane foam wetherseal.

1988
Schlegel has production facilities in 12 countries and 22 branches worldwide.

2014
Acquisition of Vedasil in Brazil.

2016
Schlegel acquires Italian Hardware manufacturer, Giesse.

2022
Schlegel consolidates all weatherseal manufacturing into the UK.

WHY CHOOSE SCHLEGEL?

- TRUSTED**
We've earned an excellent reputation

PERFORMANCE
Quality products – the manufacturer of Q-LON

SERVICE
Bespoke service – Product customisation available
- QUALITY**
Unique manufacturing processes – Made in Britain

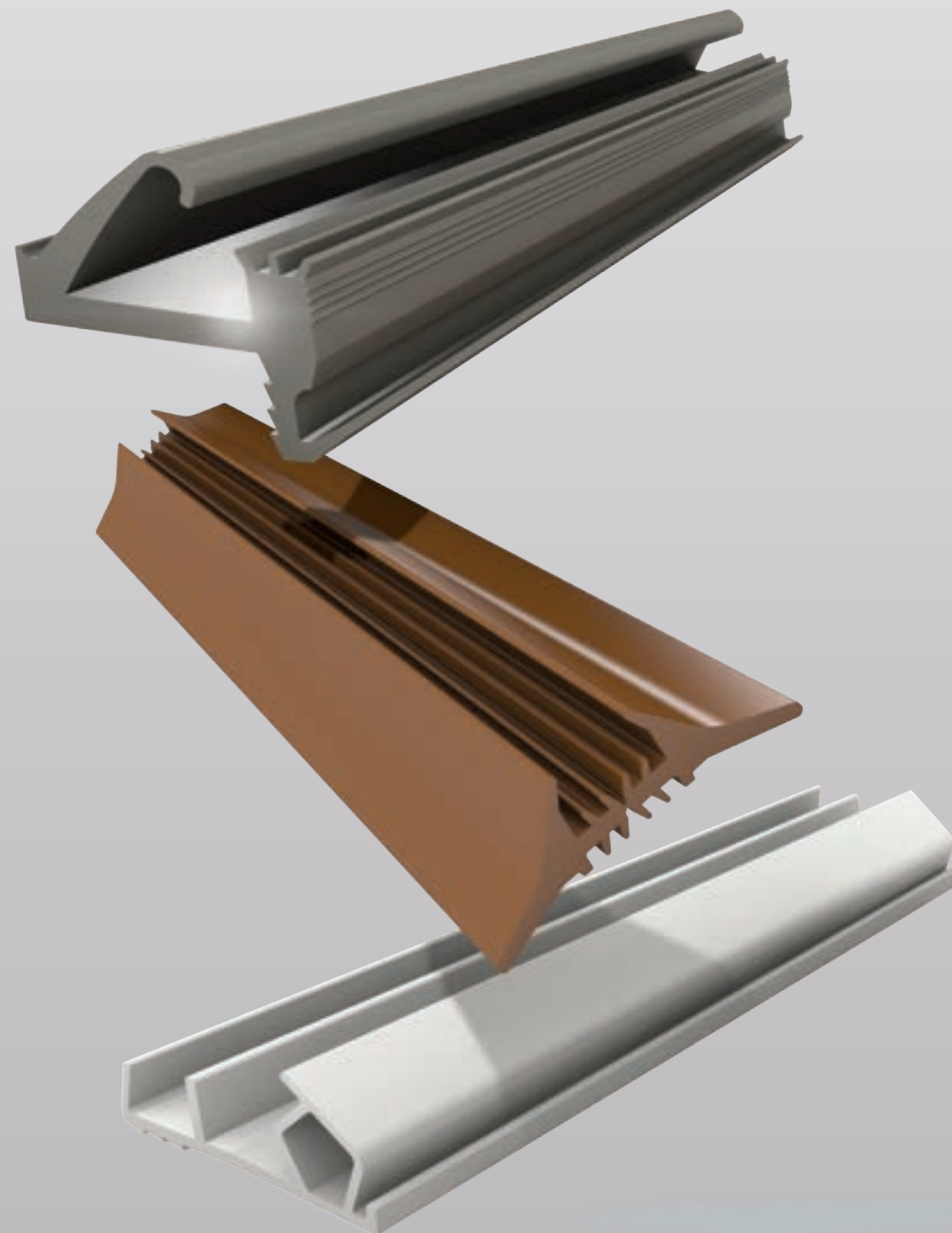
EXPERIENCE
Heritage – Over 140 years of experience and knowledge

CHOICE
Extensive product ranges
- RESOURCES**
Backed by Quanex, *a part of something bigger*

PEACE OF MIND
Technical expertise – Standards, accreditations, testing

Extruded seals

For timber, aluminium
and PVC-U applications



WHY CHOOSE EXTRUDED SEALS FROM SCHLEGEL?

Schlegel extruded rigid plastic seals are highly durable and weather resistant, making them ideal for outdoor applications. Other benefits include:

LONGER LASTING

Durability from high quality materials

VERSATILITY

Suitable for a wide range of uses

COST-EFFECTIVENESS

Long-lifecycles and minimal
maintenance needs

COLOUR FASTNESS

UV stable performance

CHOICE

A wide range of materials, colours
and sizes available

BESPOKE SERVICE

Product customisation available

MATERIALS AND COLOURS	08
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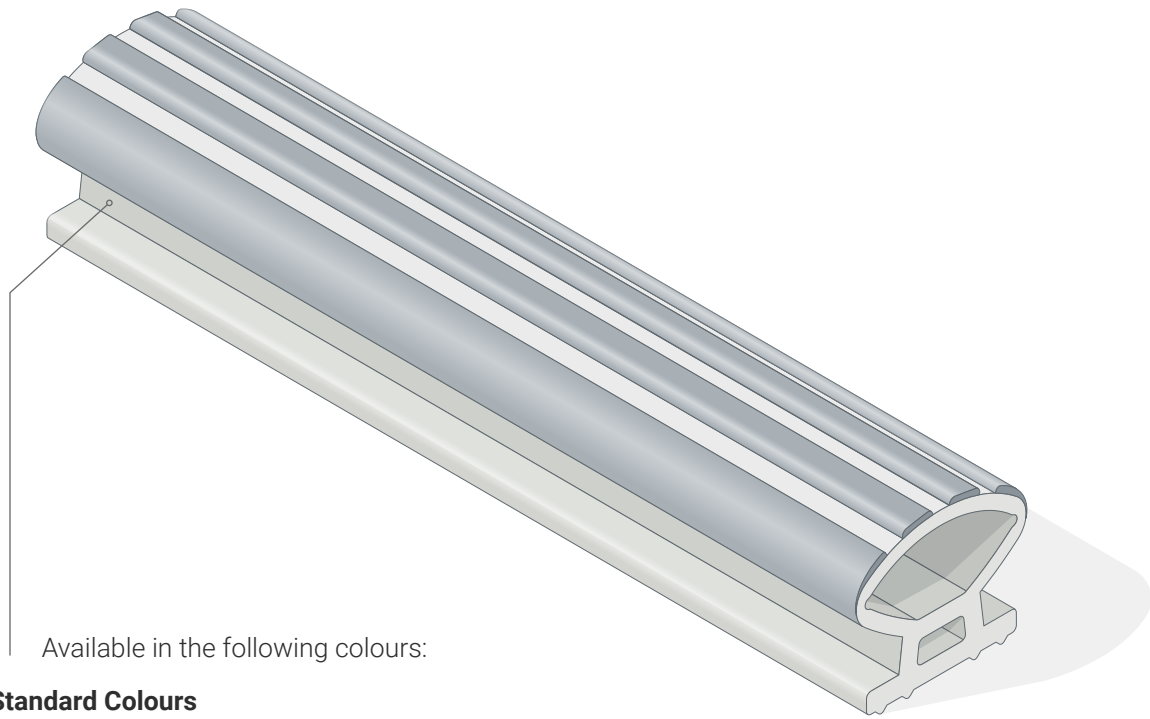
Q-LON

Brush pile

Extruded

MATERIALS AND COLOURS

Schlegel extruded seals are made from various extruded materials and can be combined with foam seals.



Available in the following colours:

Standard Colours

- WHITE / RAL 9003 / Code 287
- Black / RAL 9005 / Code 288

Extra Colours

- Grey / RAL 7040 / Code 224
- Graphite Grey / RAL 7024 / Code 273
- Light Grey / RAL 7035 / Code 275
- Dusty Grey / RAL 7037 / Code 276
- Grey / RAL 7045 / Code 277
- Brown / RAL 8019 / Code 285

For the standard colours for each item, please refer to the separately available customer drawings on our website.

Lozaron (LF) (LP) (LT) (LV)

Lozaron seals consist of a range of TPE, foamed TPE, polypropylene, EPDM and PVC-U profiles.

- **Lozaron TPE extrusions with flexible microcell foam (LF)**
- **Lozaron TPE extruded profiles without foam (LT)**
- **Polypropylene (LP) and PVC-U (LV) extrusions**

In our range of extruded seals, a variety of materials and manufacturing processes are combined to achieve the optimal combination of product characteristics.

Lozaron extrusions are made of different plastic compounds and can be combined with the Poly-Bond brush pile and Q-LON foam technologies as outlined.

IN ALL SHAPES



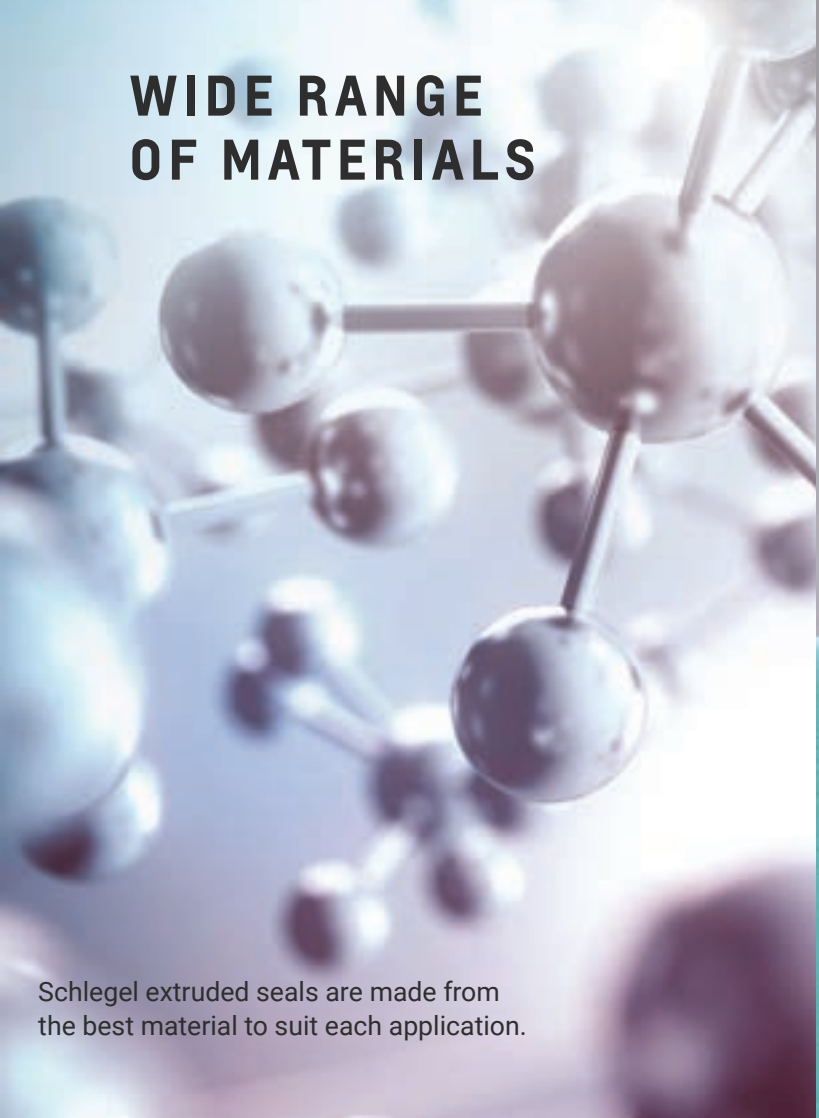
Schlegel extruded seals can be configured with geometries ranging from the simplest to the most specific shapes.

WIDE RANGE OF COLOURS



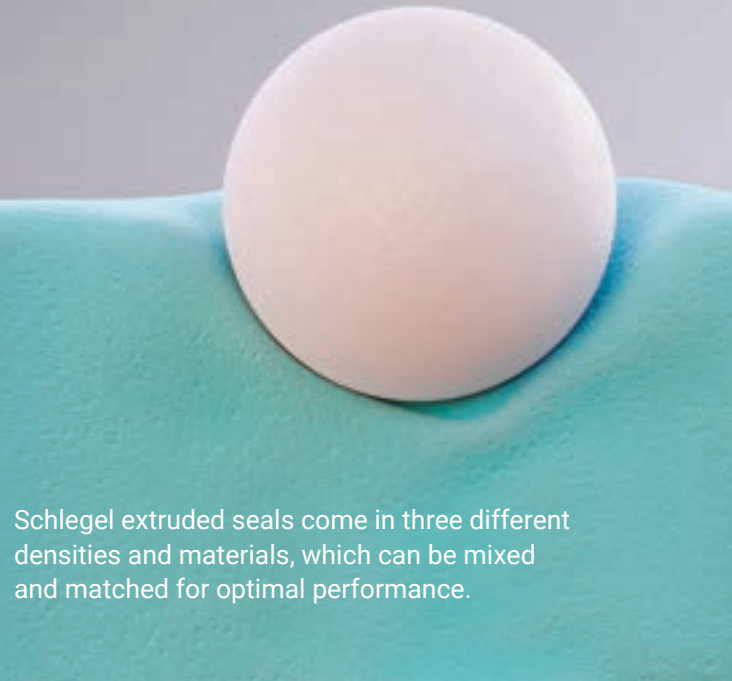
Schlegel extruded seals come in a huge range of colours.

WIDE RANGE OF MATERIALS



Schlegel extruded seals are made from the best material to suit each application.

DIFFERENT DENSITIES



Schlegel extruded seals come in three different densities and materials, which can be mixed and matched for optimal performance.

CLASSIFICATIONS

WEATHERSEALS COMPLIANT WITH EN 12365 2003

Under EN 12365 2003 there is a prescribed classification system that enables window, door, shutter and curtain walling manufacturers or installers to ensure that they are using the component that best meets their requirements.

A six-digit system is used

1	2	3	4	5	6
Category of use	Working range	Linear compression force	Working temperature range	Deflection recovery	Recovery after ageing
W = Weatherstrip G = Gasket	9 grades showing the working range of the seal; 9 indicates the greatest distance	9 grades showing the linear compression force; 9 indicates the greatest force	6 grades showing the operating temperature range, each with different maximum and minimum temperatures	8 grades showing deflection recovery; grade 0 indicates no requirement and grade 7 shows the greatest recovery	8 grades showing recovery after ageing; grade 0 indicates no requirement and grade 7 shows the greatest recovery

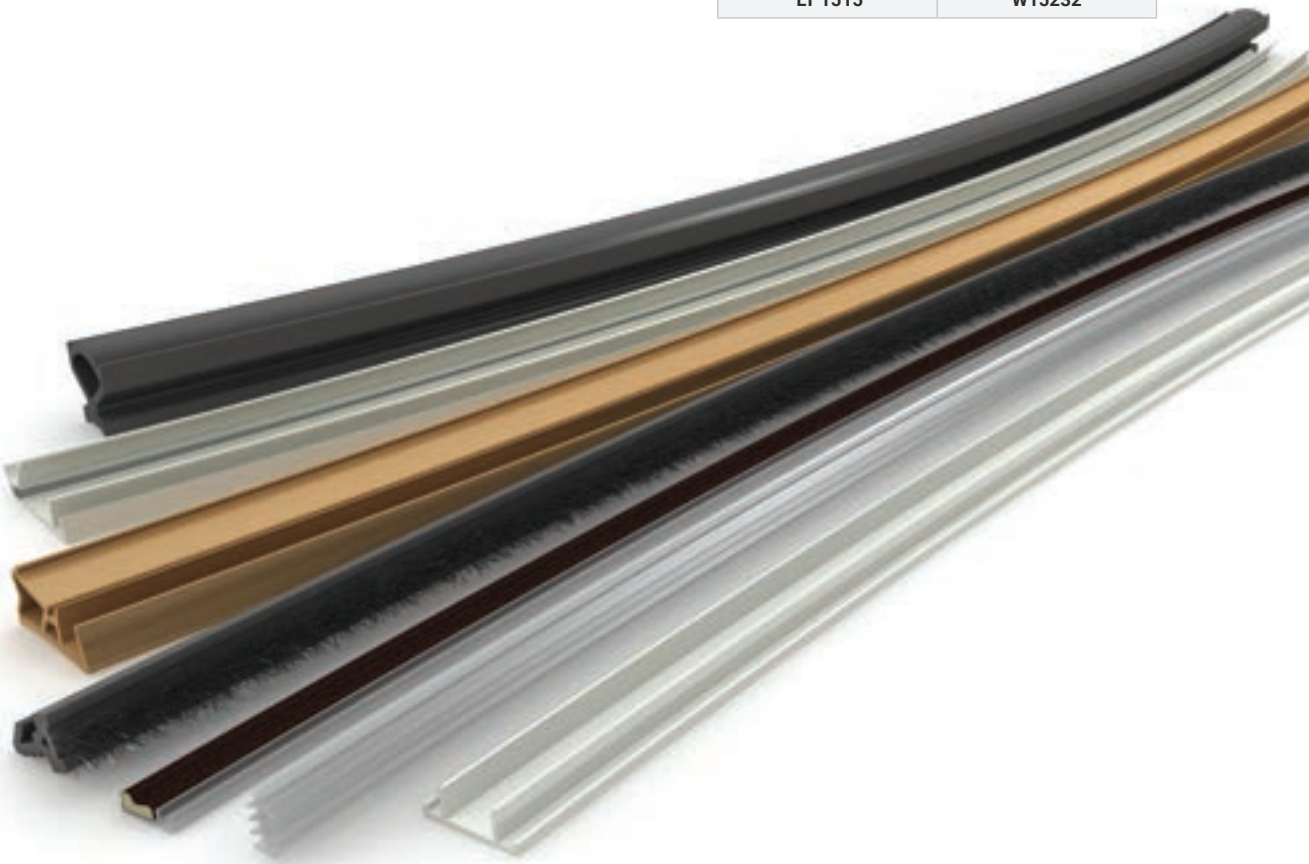
Grades

1: ≤ 1 mm 2: >1 mm ≤2 mm 3: >2 mm ≤4 mm 4: >4 mm ≤6 mm 5: >6 mm ≤8 mm 6: >8 mm ≤10 mm 7: >10 mm ≤15 mm 8: >15 mm ≤30 mm 9: >30 mm	1: ≤ 10 N/m 2: >10 N/m ≤20 N/m 3: >20 N/m ≤50 N/m 4: >50 N/m ≤100 N/m 5: >100 N/m ≤200 N/m 6: >200 N/m ≤500 N/m 7: >500 N/m ≤700 N/m 8: >700 N/m ≤1000 N/m 9: >1000 N/m	1: 0°C to +45°C 2: -10°C to +55°C 3: -20°C to +85°C 4: -25°C to +100°C 5: -40°C to +70°C 6: 0°C to +200°C	0: No requirements 1: >30% to 40% 2: >40% to 50% 3: >50% to 60% 4: >60% to 70% 5: >70% to 80% 6: >80% to 90% 7: >90%	0: No requirements 1: >30% to 40% 2: >40% to 50% 3: >50% to 60% 4: >60% to 70% 5: >70% to 80% 6: >80% to 90% 7: >90%
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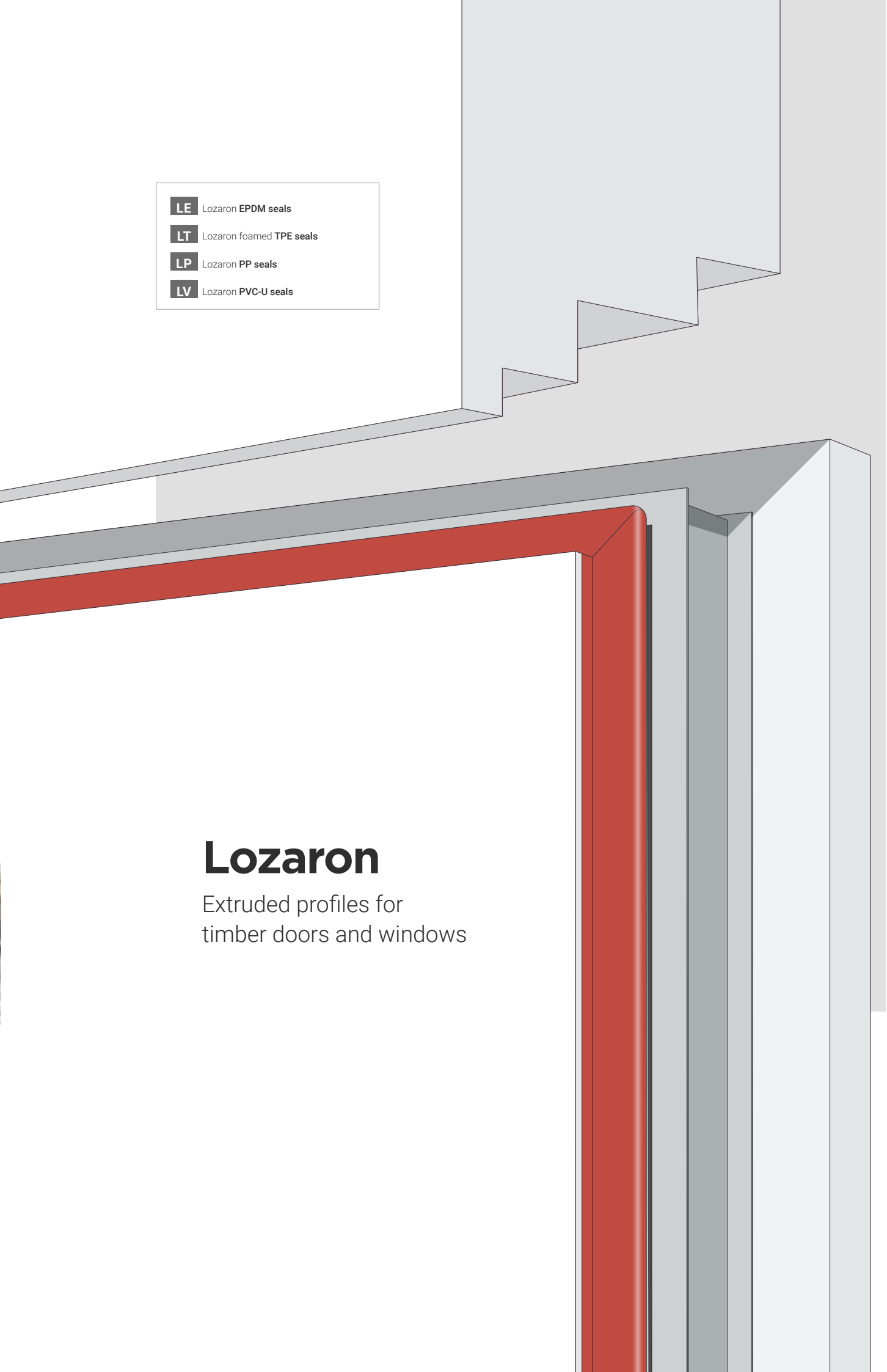
A typical classification looks like this

W	3	4	2	4	3
---	---	---	---	---	---

Code	EN 12365
LT 1305	W33221
LT 1432	W34243
LT 1509	W24521
LT 1515	W15232



LE	Lozaron EPDM seals
LT	Lozaron foamed TPE seals
LP	Lozaron PP seals
LV	Lozaron PVC-U seals

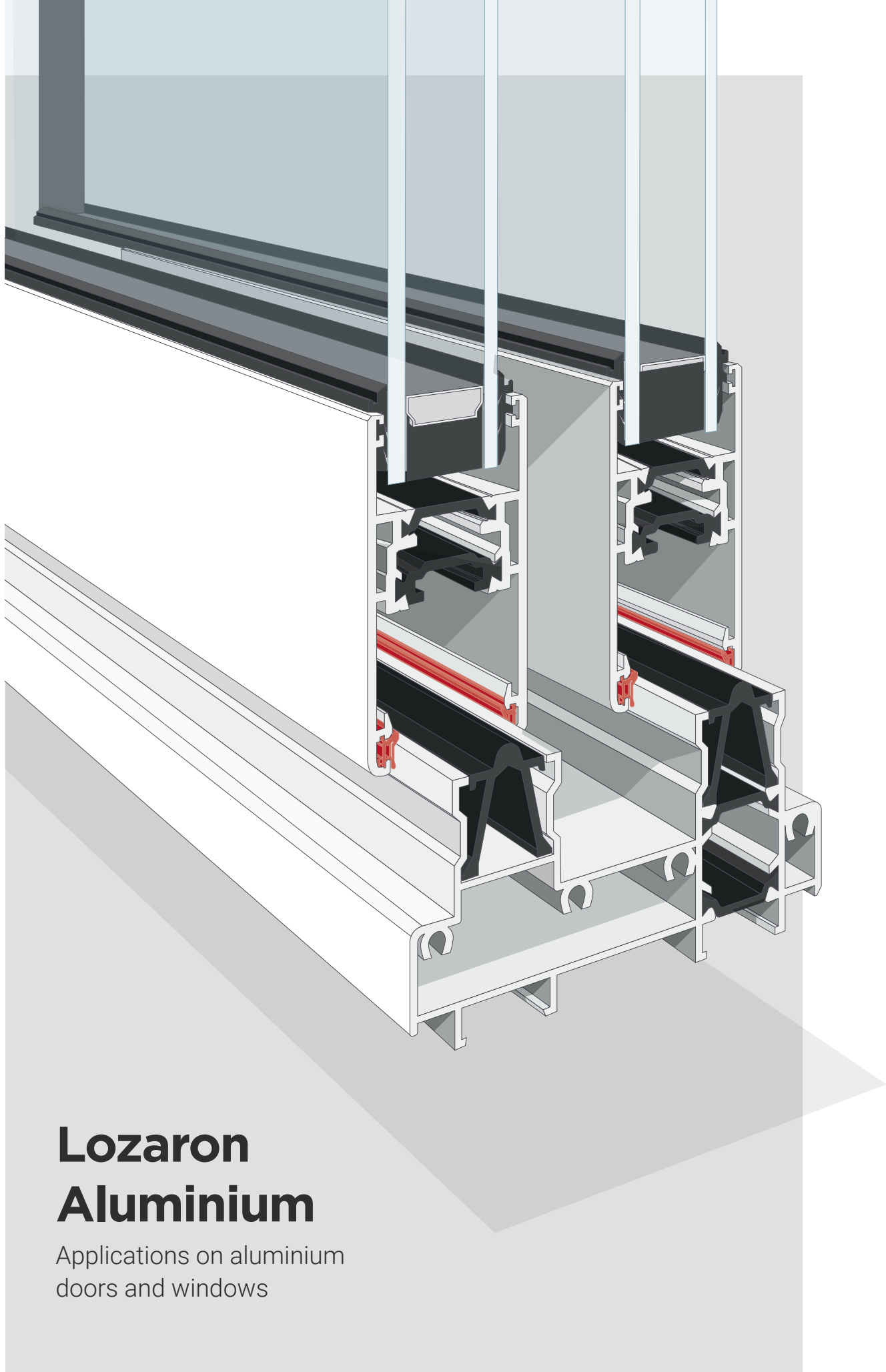


Lozaron
Extruded profiles for
timber doors and windows

LT 1362	26200
Groove width: 5.0 Min. groove depth: 8.0 Rebate: 12.0 / 19.0 Pack size: 25 m x 1 150 m x 1	
Profile for doors and windows	F
LT 1430	26350
Groove width: 5.0 Min. groove depth: 7.0 Rebate: 15.0 Seal gap: 5.0 Pack size: 130 m x 1	
Door sealing profile	F S
W34242	
LT 1432	26571
Groove width: 5.0 Min. groove depth: 8.0 Rebate: 12.0 Seal gap: 5.0 Pack size: 150 m x 1	
Sealing profile	C

LV 1140	27003
Groove width: 6.35 Min. groove depth: 10.0 Rebate: 17.0 Seal gap: 5.0 - 8.0 Pack size: 50	
Door sealing profile	F S
LV 1305	27555
Groove width: 4.0 Min. groove depth: 5.0 Seal gap: 5.0 - 7.0 Pack size: 45 m x 7 60 m x 10 300 m x 1	
Window sealing profile	F
W33221	
LV 1306	2756601
Groove width: 4.0 Min. groove depth: 5.0 Seal gap: 5.0 - 7.0 Pack size: 300 m x 1	
Window sealing profile	F
W33221	

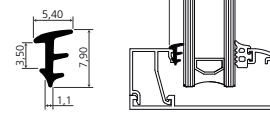
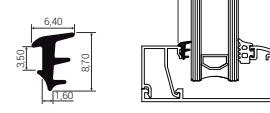
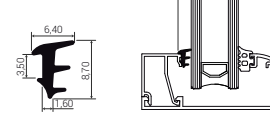
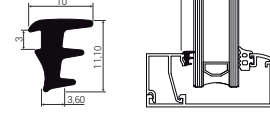
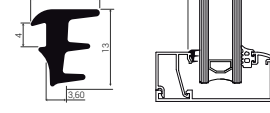
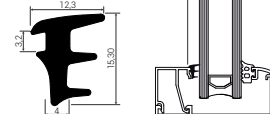
F Suitable for Frame Seal **S** Suitable for Sash Seal **O** Suitable for Overlap Seal **C** Suitable for Centre Seal

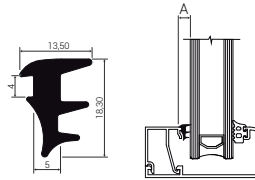
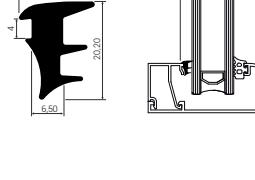


Lozaron Aluminium

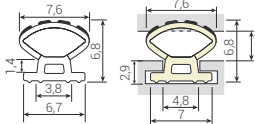
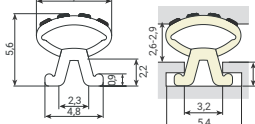
Applications on aluminium
doors and windows

FOR ALUMINIUM DRY GLAZING

LE 611 FV2	2230501	
A - Seal gap: 2.0 Pack size: 500 m x 1		
Glazing bead seal		
LE 727 FV3	2231001	
A - Seal gap: 3.0 Pack size: 400 m x 1		
Glazing bead seal		
LE 768 FV4	2231501	
A - Seal gap: 4.0 Pack size: 250 m x 1		
Glazing bead seal		
LE 1009 FV5	2232001	
A - Seal gap: 5.0 Pack size: 150 m x 1		
Glazing bead seal		
LE 1162 FV6	2232501	
A - Seal gap: 6.0 Pack size: 150 m x 1		
Glazing bead seal		
LE 1232 FV7	2233001	
A - Seal gap: 7.0 Pack size: 100 m x 1		
Glazing bead seal		

LE 1325 FV8	2233501	
A - Seal gap: 8.0 Pack size: 100 m x 1		
Glazing bead seal		
LE 1670 FV10	22340	
A - Seal gap: 10.0 Pack size: 100 m x 1		
Glazing bead seal		

FOR ALUMINIUM SLIDING DOORS

LT 1509	26990	
Throat width: 4.0 - 4.5 Groove width: 7.0 Seal gap: 3.0 - 3.5 Pack size: 250 m x 1		
Sliding seal		
W24521		
LT 1515	26993	
Throat width: 3.2 Groove width: 5.4 Seal gap: 2.6 - 2.9 Pack size: 250 m x 1		
Sliding seal		
W15232		

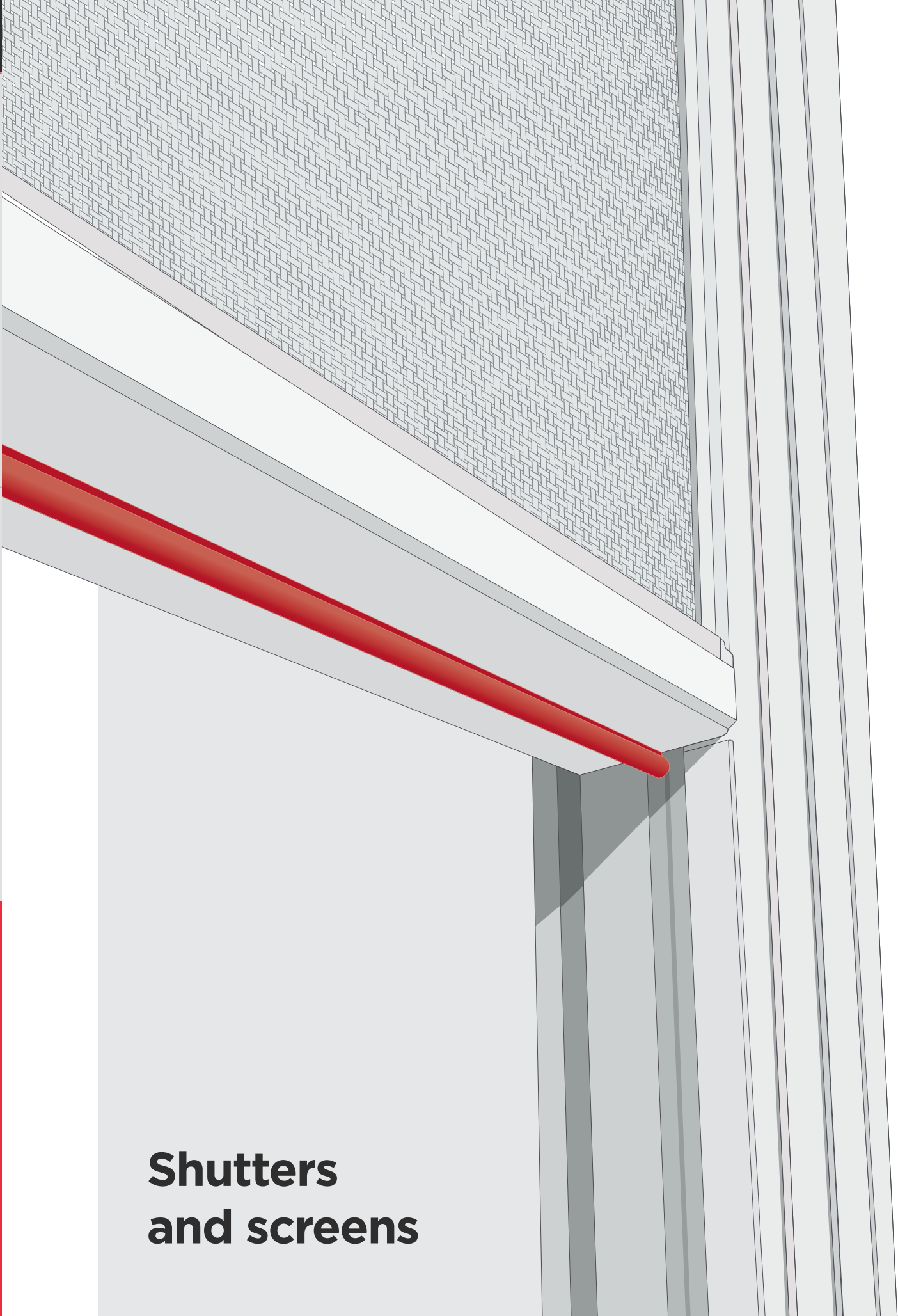


Q-LON

Brush pile

Extruded

Shutters and screens



FOR ROLLER SHUTTERS, SCREENS AND WINDOW COVERING PRODUCTS

LP 1040	24030	
Pack size: 500 m x 1		
Side guiding shutter profile		
LP 1077	26015	
Groove width: 2.5 - 6.0 Min. groove depth: 1.2 Seal gap: 4.5 - 6.0 Pack size: 400 m x 1		
Bottom bar seal		
LP 1088	24151	
Groove width: 4.0 - 8.0 Min. groove depth: 1.2 Pack size: 400 m x 1		
Roller shutter T-profile		
LP 1102	27370	
Pack size: 400 m x 2		
Side guiding shutter profile		
LV 1194	27364	
Pack size: 2.5 m x 50		
Cover profile		

LV 1215	27483	
Pack size: 2.5 m x 50		
Cover profile		
LV 1417	27599	
Groove width: 3.0 - 8.0 Min. groove depth: 1.2 Pack size: 350 m x 1		
Side guiding sealing profile		



Q-LON

Brush pile

Extruded

COLOURS APPENDIX

Q-LON: polyurethane foam seals

Colour	RAL Code	Schlegel Code
Standard Colours		
White	9003	222
Silver	7001	212
Brown	8019	220
Black	9005	223

Colour	RAL Code	Schlegel Code
Extra Colours		
Beige	1001	211
Light Oak	8003	217
Fawn Brown	8007	218
Pure White	9010	221
Light Grey	7035	215
Pebble Grey	7032	213
Graphite Grey	7024	214

Brush pile seals and sealing profiles

Colour	RAL Code	Schlegel Code
Standard Colours Monofilament		
Grey	7045	277
Black	9005	288

Colour	RAL Code	Schlegel Code
Standard Colours Multifilament		
Grey	7045	277
Black	9005	288
Extra Colours Multifilament		
Brown	8028	264
Beige	1011	241
White	9003	287

Extruded seals

Colour	RAL Code	Schlegel Code
Standard Colours		
White	9003	287
Black	9005	288

Colour	RAL Code	Schlegel Code
Extra Colours		
Grey	7040	224
Graphite Grey	7024	273
Light Grey	7035	275
Dust Grey	7037	276
Grey	7045	277
Brown	8019	285



SCHLEGEL IS A PART OF QUANEX BUILDING PRODUCTS.

SOLUTIONS THAT POWER WHAT’S NEXT

Quanex delivers innovative products and technologies across three main business segments, helping our customers design and build stronger, smarter, and more efficient buildings.

HARDWARE SOLUTIONS

Quanex provides a comprehensive portfolio of window and door hardware solutions that bring performance, security, and reliability to residential and commercial projects around the world.

EXTRUDED SOLUTIONS

As a leader in extrusion technology, Quanex produces high-performance fenestration components engineered to improve efficiency and durability. Our offering includes rigid and flexible insulating glass spacers, vinyl and rubber extrusions, and advanced sealants.

CUSTOM SOLUTIONS

Quanex combines specialized expertise with customer-driven innovation to meet unique project needs:

- Wood Solutions: Precision-crafted cabinet components, millwork, and kitchen & bath solutions.
- Access Solutions: Advanced building access systems for residential, commercial, and industrial markets.
- Mixing Solutions for specialized applications.



7,100+
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1927
YEAR FOUNDED



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67
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