

DURASID[®]
easy lasting sidings





What are Durasid® sidings?

DURASID® is the perfect aesthetic cladding for side faces, gables, bay windows, dormers, garden sheds, pool houses and other constructions. DURASID® offers a wide range of applications for both new-build and renovation projects.

The DURASID® cladding profiles are made of a rigid foam core with a durable, co-extruded top coat. A decorative wood grain structure is applied in the outer layer. Which combines all the best features of all other facades.

DURASID® has the charm and appeal of natural wood plus the ease of maintenance of plastic, which has allowed it to quickly establish itself as a smart and

fully-fledged alternative to other external wall coverings made from commonly used materials.

Being part of a complete system that comprises all the required finishing pieces for a smooth, professional installation, DURASID® wins out on several fronts in terms of the ease of installation.

Plastivan also manufactures a complete range of roof edging products under the brand name BELTECTO®. These construction materials are eminently suited for both new-build and renovation projects. They can be combined with all types of cladding finishes, and especially with DURASID®'s exterior cladding.

- 1 Durable and longer lasting appearance**

Hard foam PVC is a durable and resistant plastic that withstands the rigours of time and weather. This guarantees that the sidings will still look as good as new after many years. In addition, the profiles are coloured right through, so you will never have to paint or oil them.
- 2 A warm and natural look**

A permanent wood grain structure with a natural appearance is applied to the co-extruded protective top layer. This gives them a warm, natural look and means that DURASID® sidings can barely be distinguished from real wood.
- 3 Simple to put in place**

DURASID® profiles in hard foam PVC are considerably lighter than equivalent products in solid wood or fibre cement. Handling and installing them is therefore easier and they make less heavy demands on the facade or the supporting structure. In addition, the tongue-and groove joints make them quick to install
- 4 Easy to maintain**

The top layer makes sure that the structure is closed. Dirt and green algae deposits can therefore not penetrate the top layer of the material - a problem that does often occur in porous materials such as wood and fibre cement. Superficial dirt can easily be removed using a sponge, brush or high-pressure hose (max. 80 bar), in combination with a mild detergent if necessary.

BENEFITS OF HARD FOAM PVC

- 5 Perfectly impact-resistant**

You do not need to worry about damage if you use DURASID® sidings. Remember, this is a material that is known for its superb impact resistance. With alternative materials, impacts may result in a permanent dent relatively quickly, or may even crack the profile.
- 6 Protecting and upgrading the outer wall**

DURASID® sidings protect your outer wall and add value to your new home or renovation project. The panels also protect any isolation layers inside, against all kinds of weather, guaranteeing that optimal insulation will be retained in the future.
- 7 Numerous applications**

DURASID® can be used for private homes, chalet building and industrial construction. It is also perfect for cladding entire walls, gables, dormers and roof overhangs. It creates a stylish, uniform design and finish.
- 8 Wide range of colours and finishings**

DURASID® outer wall cladding panels are available in multiple timeless colours and several variants. They can be fitted both horizontally or vertically. A series of handy finishing profiles in plastic and painted aluminium have been developed as well. These guarantee that it will look good and have a solid structure, with perfectly finished corners and joints.



Maintenance



Durasid® sidings are low-maintenance. Sanding, painting or oiling are no longer needed. The closed surface structure means that the panels do not absorb moisture, virtually eliminating algal growth and moss formation. Superficial dirt from dust, exhaust gases, air pollution, etc. can be cleaned using a sponge,

soft brush or high-pressure hose (max. 80 bar and with the nozzle at least 50cm away). The water must be clean or mixed with a mild household detergent. Aggressive substances or solvents must never be used. Grease and oil stains can be removed using a household degreasing agent.

Guarantee



The official guarantee that the supplier of raw materials has given to Plastivan NV means that there is a 10-year guarantee with regard to UV-resistance for the following colours from the Durasid® product range: RAL 9010 - RAL 9001 - RAL 1015 - RAL 7035 - Camel.

A 5-year warranty applies for the colours Anthracite Grey (RAL 7016), Silver, Cedar, Graphite, Olive and Walnut. This warranty states that the extruded panels will not discolour excessively as a result of ultraviolet light. For more information and terms and conditions, go to **www.durasid.com**

Technical information

	Performed test	Durasid Original	Durasid Urban	Durasid Natural	Durasid Elegance
Density ISO 1183-1	ISO 1183-1	0,5 – 0,6 g/cm ³	0,5 – 0,6 g/cm ³	0,4 - 0,5 g/cm ³	0,4 - 0,5 g/cm ³
Vicat softening temperature	ISO 306	50 – 60 °C	50 – 60 °C	50 – 60 °C	50 – 60 °C
Ash content at 1000°C	ISO 3451-A	6,0 – 8,0 %	6,0 – 8,0 %	6,0 – 8,0 %	6,0 – 8,0 %
DHC stabilization time	ISO 182-3	21 – 22 min	21 – 22 min	21 – 22 min	21 – 22 min
DHC induction time	ISO 182-3	26 – 28 min	26 – 28 min	26 – 28 min	26 – 28 min
Fire behaviour (anthracite)	NBN EN 13501-1	E	E	E	N.P.D.
Fire behaviour (other colours)	NBN EN 13501-1	C s3 d2	C s3 d2	E	E
Impact resistance	EN 477/EN 13245-2	1,5 m	1,5 m	1,5 m	1,5 m
Shore-D hardness	DIN 53505	58	58	-	-
Flexural strength	NBN EN ISO 178	24 – 29MPa	24 – 29MPa	-	24 – 29MPa
Modulus of elasticity	NBN EN ISO 178	1,2 – 1,5GPa	1,2 – 1,5GPa	-	1,2 – 1,5GPa
Tensile strength	ISO 527-2	12 – 14 N/mm ²	12 – 14 N/mm ²	-	12 – 14 N/mm ²
Stretch at breaking point	ISO 527-2	42 – 52 %	42 – 52 %	-	42 – 52 %
Shrinking	EN 479	≤ 6,0 %	≤ 6,0 %	≤ 6,0 %	≤ 6,0 %
Tensile impact strength (anthracite)	NBN EN ISO 8256	13,5 kJ/m ²	13,5 kJ/m ²	-	-
Tensile impact strength (other colours)	NBN EN ISO 8256	17,9 kJ/m ²	17,9 kJ/m ²	-	≥ 13,5 kJ/m ²
Linear thermal expansion coefficient ⁽¹⁾	ASTM D696	0,055mm/m/°C	0,055mm/m/°C	-	0,055mm/m/°C
Frost resistance	NBN EN 539-2 & 1304	frost-resistant	frost-resistant	frost-resistant	frost-resistant
Water absorption	Moisture movement	none	none	none	none
Water absorption	ISO 2179	0,28 mg/cm ²	0,28 mg/cm ²	-	-
Wind resistance	EN 12211	C2	C2	C2	-
Thermal transfer coefficient	EN 12667	0,07 W/mK	0,07 W/mK	0,07 W/mK	0,07 W/mK
Impact resistance, service test	EOTA TR 001	100–400 Nm & 6 Nm	100–400 Nm & 6 Nm	-	-
Impact resistance, safety	EOTA TR 001	700 Nm & 10 Nm	700 Nm & 10 Nm	-	-

⁽¹⁾ Except in anthracite

Please always check that the use of the Durasid® cladding conforms to the prescribed standards and the applicable building and fire regulations.

Single siding 167 mm

Durasid® Original: The outer wall cladding panels are made of a core of durable hard foam PVC plus an extremely resistant co-extruded top layer with a wood grain structure.

Three types of profiles are available, all in lengths of 5 m.

- **siding 167 mm:** an overlapping model with a natural look
- **vertical siding 167 mm:** this siding can be installed either horizontally or vertically
- **double siding 333 mm:** a double model for an even faster installation



DURASID®
ORIGINAL

Single siding 167 mm - WOOD GRAIN STRUCTURE



	Item no.	Colours	Length	
Single siding 167 mm	523167	90 - RAL 9010 (White) 91 - RAL 9001 (Cream) 92 - RAL 1015 (Sable) 93 - RAL 7035 (Grey) 94 - Camel 95 - RAL 7016 (Anthracite) 96 - RAL 7039 (Quartz grey)	5 m	
	Item no.	Colours	Length	Grain texture
Two-part edge trim	524150	90, 91, 92, 93, 94, 95	5m	
Two-part lacquered aluminium edge trim	524160	91, 92, 93, 94, 95, 96	5 m	
Starter trim	524200	White	5 m	
Ventilation profile	524250	Black	2,5 m	
Joining profile	524300	90, 91, 92, 93, 94, 95	5 m	
Standard joiner piece (single)	524360	90, 91, 92, 93, 94, 95, 96		
Invisible joiner piece (single)	524361	90, 91, 92, 93, 94, 95, 96		
Two-part internal-external corner	524450	90, 91, 92, 93, 94, 95	5 m	
Two-part lacquered aluminium internal-external corner	524460	91, 92, 93, 94, 95, 96	5 m	
Corner profile	524500	90, 91, 92, 93, 94, 95	5 m	
Lacquered aluminium corner profile	524560	91, 92, 93, 94, 95, 96	5 m	

COLOURS



Vertical siding 167 mm



Vertical siding 167 mm - WOOD GRAIN STRUCTURE



	Item no.	Colours	Length	
Vertical siding 167 mm	524167	90 - RAL 9010 (White) 91 - RAL 9001 (Cream) 92 - RAL 1015 (Sable) 93 - RAL 7035 (Grey) 94 - Camel 95 - RAL 7016 (Anthracite) 96 - RAL 7039 (Quartz grey)	5 m	
	item no.	Colours	Length	Grain texture
Two-part edge trim	524150	90, 91, 92, 93, 94, 95	5m	
Two-part lacquered aluminium edge trim	524160	91, 92, 93, 94, 95, 96	5 m	
Starter trim	524200	White	5 m	
Ventilation profile	524250	Black	2,5 m	
Joining profile	524300	90, 91, 92, 93, 94, 95	5 m	
Invisible joiner piece (vertical siding)	524362	90, 91, 92, 93, 94, 95, 96		
Two-part internal-external corner	524450	90, 91, 92, 93, 94, 95	5 m	
Two-part lacquered aluminium internal-external corner	524460	91, 92, 93, 94, 95, 96	5 m	
Corner profile	524500	90, 91, 92, 93, 94, 95	5 m	
Lacquered aluminium corner profile	524560	91, 92, 93, 94, 95, 96	5 m	

COLOURS



Double siding 333 mm



Double siding 333 mm - WOOD GRAIN STRUCTURE



	Item no.	Colours	Length	
Double siding 333mm	523333	90 - RAL 9010 (White) 91 - RAL 9001 (Cream) 92 - RAL 1015 (Sable) 93 - RAL 7035 (Grey) 94 - Camel 95 - RAL 7016 (Anthracite) 96 - RAL 7039 (Quartz grey)	5 m	
	Item no.	Colours	Length	Grain texture
Two-part edge trim	524150	90, 91, 92, 93, 94, 95	5 m	
Two-part lacquered aluminium edge trim	524160	91, 92, 93, 94, 95, 96	5 m	
Starter trim	524200	White	5 m	
Ventilation profile	524250	Black	2,5 m	
Joining profile	524300	90, 91, 92, 93, 94, 95	5 m	
Standard joiner piece (double)	524350	90, 91, 92, 93, 94, 95, 96		
Invisible joiner piece (double)	524351	90, 91, 92, 93, 94, 95, 96		
Two part internal-external corner	524450	90, 91, 92, 93, 94, 95	5 m	
Two-part lacquered aluminium internal-external corner	524460	91, 92, 93, 94, 95, 96	5 m	
Corner profile	524500	90, 91, 92, 93, 94, 95	5 m	
Lacquered aluminium corner profile	524560	91, 92, 93, 94, 95, 96	5 m	

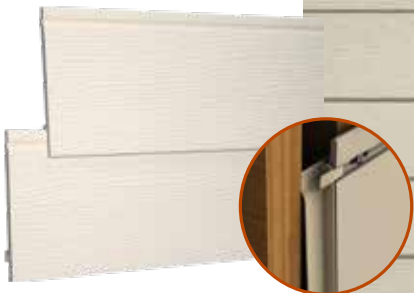
COLOURS



Single siding 167 mm

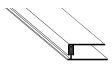


Durasid® Easyfix: Wall panels with a large embossing combined with invisible connectors. This guarantees an easy and fast mounting.

- **single siding 167 mm incl. invisible connectors:** an overlapping model with a natural look

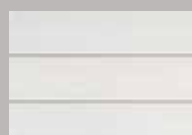


KIT SIDINGS 167 mm - WOOD GRAIN STRUCTURE
incl. invisible connectors



	Item no.	Colours	Length	
Single siding 167 mm	523167KIT-2.5	91 - RAL 9001 (Cream) 92 - RAL 1015 (Sable) 93 - RAL 7035 (Grey) 94 - Camel 95 - RAL 7016 (Anthracite)	2,5 m	
	Item no.	Colours	Length	Grain texture
Two-part edge trim	524150	91 - RAL 9001 (Cream) 92 - RAL 1015 (Sable) 93 - RAL 7035 (Grey) 94 - Camel 95 - RAL 7016 (Anthracite)	2,5 m	
Starter trim	524200	White	2,5 m	
Ventilation profile	524250	Black	2,5 m	
Two-part internal-external corner	524450	91 - RAL 9001 (Cream) 92 - RAL 1015 (Sable) 93 - RAL 7035 (Grey) 94 - Camel 95 - RAL 7016 (Anthracite)	2,5 m	

COLOURS



91 (RAL 9001)



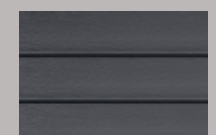
92 (RAL 1015)



93 (RAL 7035)



94 (Camel)



95 (RAL 7016)

Vertical siding 167 mm



The Urban sidings, with a light structured top layer, create a clean but warm appearance. This collection fits perfectly in contemporary architecture.

• **Vertical siding 167 mm:** This model can be placed both horizontally and vertically.

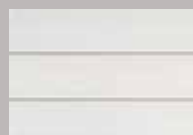


Vertical siding 167 mm - LIGHT STRUCTURE



	Item no.	Colours	Length	
Vertical siding 167 mm	524167U	91 (RAL 9001) 92 (RAL 1015) 93 (RAL 7035) 95 (RAL 7016) 96 (RAL 7039)	5 m	
	Item no.	Colours	Length	Grain texture
Two-part edge trim	524150	91, 92, 93, 95	5m	
Two-part lacquered aluminium edge trim	524160	91, 92, 93, 95, 96	5m	
Starter trim	524200	White	5 m	
Ventilation profile	524250	Black	2,5 m	
Invisible joiner piece (vertical siding)	524362	91, 92, 93, 95, 96		
Two-part internal-external corner	524450	91, 92, 93, 95	5 m	
Two-part lacquered aluminium internal-external corner	524460	91, 92, 93, 95, 96	5 m	
Corner profile	524500	91, 92, 93, 95	5 m	
Lacquered aluminium corner profile	524560	91, 92, 93, 95, 96	5 m	

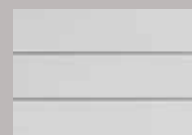
COLOURS



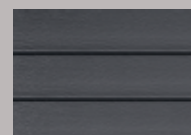
91 (RAL 9001)



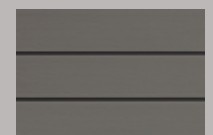
92 (RAL 1015)



93 (RAL 7035)



95 (RAL 7016)



96 (RAL 7039)

Slat wall siding 250 mm







Durasid® Elegance: The result of using a narrow embossing on the cellular boards with a horizontal slat wall siding gives a very elegant cladding system.

- **Slat wall siding 250 mm:** a horizontal model with a narrow slat wall structure.

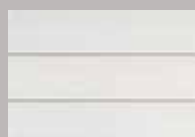


Slat wall siding 250 mm - NARROW EMBOSSING



	Item no.	Colours	Length	
Slat wall siding 250 mm	523250	91 - RAL 9001 (Cream) 92 - RAL 1015 (Sable) 93 - RAL 7035 (Grey) 94 - Camel 96 - RAL 7039 (Quartz grey)	5 m	
	Item no.	Colours	Length	Grain texture
Two-part lacquered aluminium edge trim	524160	91 - RAL 9001 (Cream) 92 - RAL 1015 (Sable) 93 - RAL 7035 (Grey) 94 - Camel 96 - RAL 7039 (Quartz grey)	5 m	
Starter trim	524200	White	5 m	
Ventilation profile	524250	Black	2,5 m	
Invisible joiner piece	524380	91 - RAL 9001 (Cream) 92 - RAL 1015 (Sable) 93 - RAL 7035 (Grey) 94 - Camel 96 - RAL 7039 (Quartz grey)		
Two-part lacquered aluminium internal-external corner	524460	91 - RAL 9001 (Cream) 92 - RAL 1015 (Sable) 93 - RAL 7035 (Grey) 94 - Camel 96 - RAL 7039 (Quartz grey)	5 m	
Lacquered aluminium corner profile	524560	91 - RAL 9001 (Cream) 92 - RAL 1015 (Sable) 93 - RAL 7035 (Grey) 94 - Camel 96 - RAL 7039 (Quartz grey)	5 m	

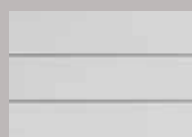
COLOURS



91 (RAL 9001)



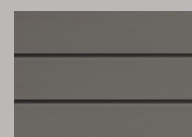
92 (RAL 1015)



93 (RAL 7035)



94 (Camel)

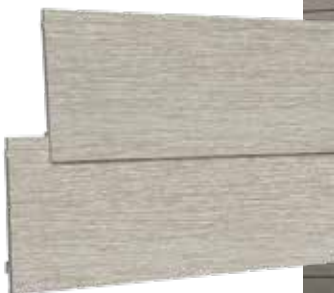


96 (RAL 7039)

Single siding 167 mm

Durasid® Natural: The result of using a specific technology on the embossed surface of the cellular boards gives a cladding system with a very true-to-nature effect.

- **Siding 167 mm:** This overlapping model guarantees a natural look to your facade



Single siding 167 mm - NARROW EMBOSSING



	Item no.	Colours	Length	
Single siding 167 mm	523167	Silver (SV) Cedar (CD) Graphite (GP) Olive (OV) Walnut (WL)	5 m	
	Item no.	Colours	Length	Grain texture
Two-part lacquered aluminium edge trim	524160	93 - RAL 7035 (SV) 94 - Camel (CD) 96 - RAL 7039 (GP) 97 - RAL 7023 (OV) 98 - RAL 7013 (WL)	5 m	
Starter trim	524200	White	5 m	
Ventilation profile	524250	Black	2,5 m	
Invisible joiner piece (single)	524361	93 - RAL 7035 (SV) 94 - Camel (CD) 96 - RAL 7039 (GP) 97 - RAL 7023 (OV) 98 - RAL 7013 (WL)		
Two-part lacquered aluminium internal-external corner	524460	93 - RAL 7035 (SV) 94 - Camel (CD) 96 - RAL 7039 (GP) 97 - RAL 7023 (OV) 98 - RAL 7013 (WL)	5 m	
Lacquered aluminium corner profile	524560	93 - RAL 7035 (SV) 94 - Camel (CD) 96 - RAL 7039 (GP) 97 - RAL 7023 (OV) 98 - RAL 7013 (WL)	5 m	

COLOURS



Silver (SV)



Cedar (CD)



Graphite (GP)



Olive (OV)



Walnut (WL)





Soffits

After the front has been clad with durable DURASID® sidings, it is time for the soffit. Here you can use the BELTECTO® range of products which consists of various types of hollow cladding profiles available in most DURASID® colours. For the soffits, you can also use the DURASID® vertical sidings.

Fascias

The fascia is finished with the BELTECTO® construction profiles made from rigid foam PVC. In spite of the fact that rigid foam PVC is a solid board, its low weight and excellent machining properties make it just as easily manageable as wood. These extremely durable vertical sidings, come in widths of up to 454mm in various types and in most DURASID® colours.

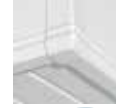
The BELTECTO® will withstand all kinds of weather conditions and are UV resistant. Which makes painting a thing of the past! The BELTECTO® construction materials act to protect your soffits, provide a stylish appearance and make for years of trouble-free use thanks to their low-maintenance finish.





COLOURS

03 White



09 Brown



10 Black



CR Beige



S Sable



93 Grey



94 Camel



95 Anthracite



GO Golden oak



MH Mahagony



BA Black ash





BENEFITS

1
2
3
4
5

UV- and weather resistant

Painting is unnecessary

Protecting soffits

Stylish appearance

Maintenance friendly





DURASID®
easy lasting sidings

www.durasid.com
produced by PLASTIVAN

 made in Belgium