



colour design diversity

heroal colours and surfaces

heroal



»»Colour in architecture – a means as powerful as the ground plan and section. ««

Le Corbusier

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Individuality through variety diversity: shaping architecture with heroal.

Individual design is an expression of your personality and the basis of unique architecture. The heroal range stands for individual solutions of the highest quality. Our extensive range of colours, surfaces and textiles opens up virtually unlimited design options. Our flexible aluminium solutions in an extremely wide range of different designs and colours make it possible to create unique architectural designs that give expression to the designer's ideas, style and personality.

Why heroal?

Industry-leading technologies

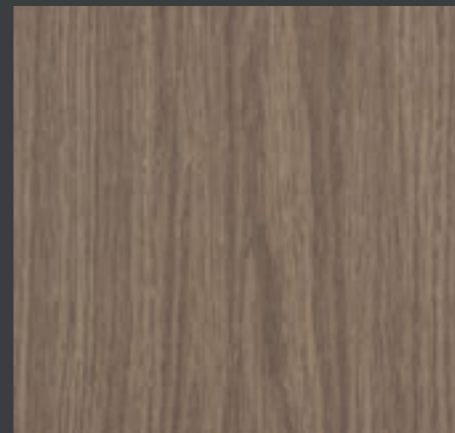
The use of our own coating systems makes heroal a market leader in surface quality that meets even the strictest international quality standards. Our bending and edging technology is also unique in the industry. This is what gives heroal designs their high quality as well as their resistance and durability.

Exclusive colours

The extensive choice of colours and designs means that there are no limits to your creativity. What's more, our cooperation with Les Couleurs® Le Corbusier gives you access to exclusive colour shades.

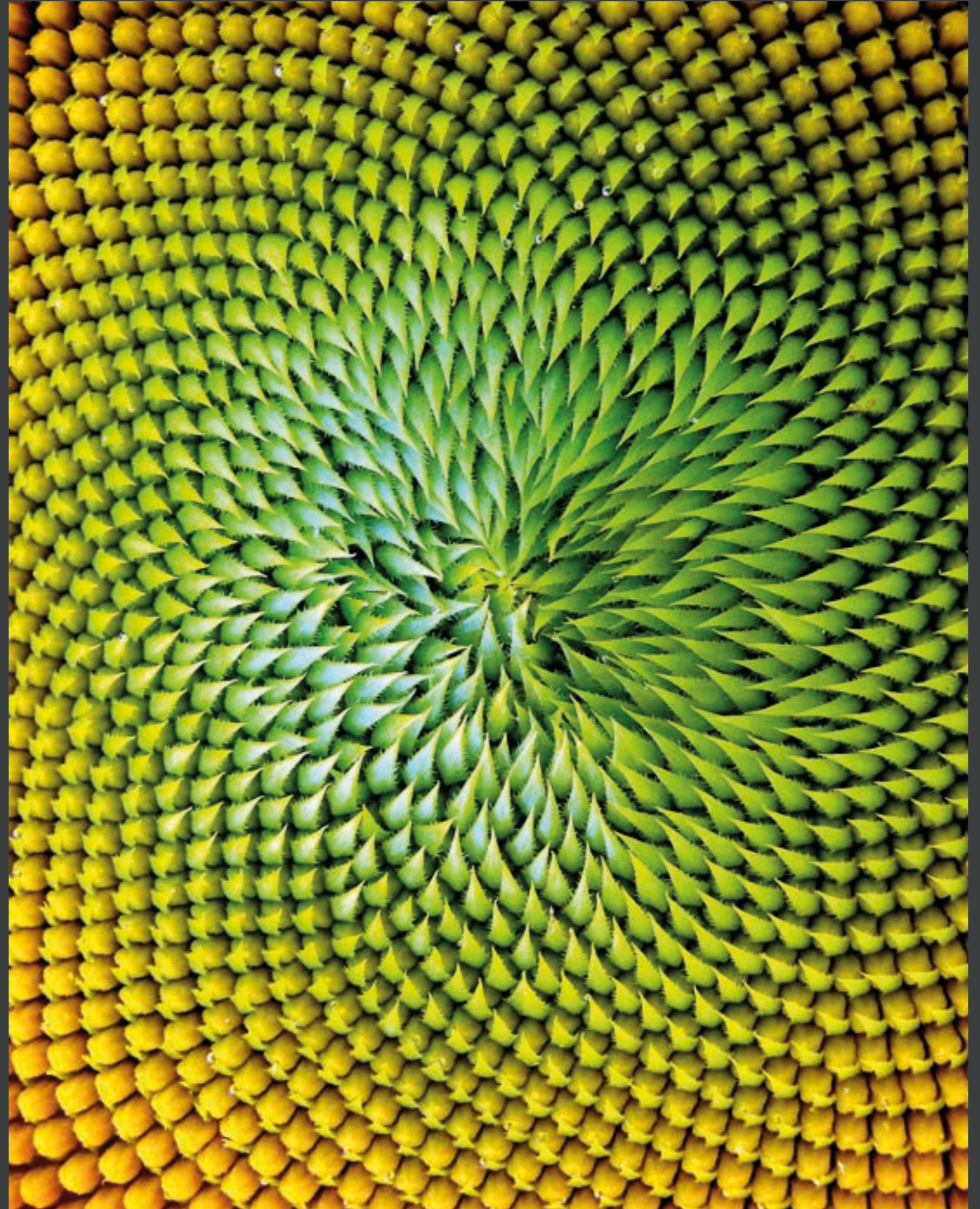
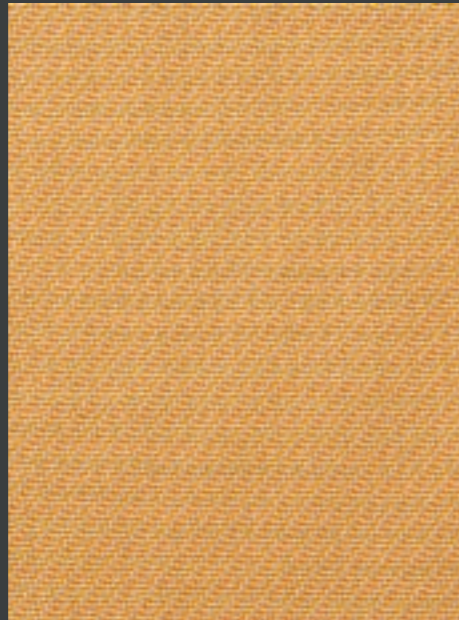
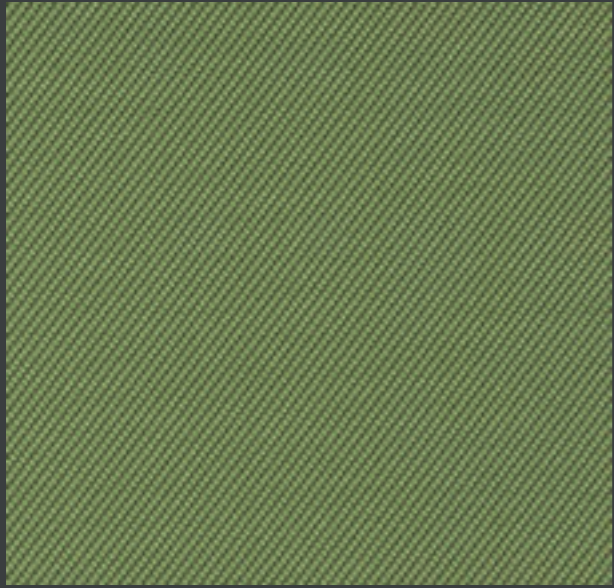
Perfect uniformity of colour

Whether windows, front doors or roller shutters: because our product portfolio covers a large part of the building shell, heroal does not only supply everything from one source, all our products also have perfectly matched colours and surfaces.



Design diversity

Design diversity



Design diversity

Design diversity

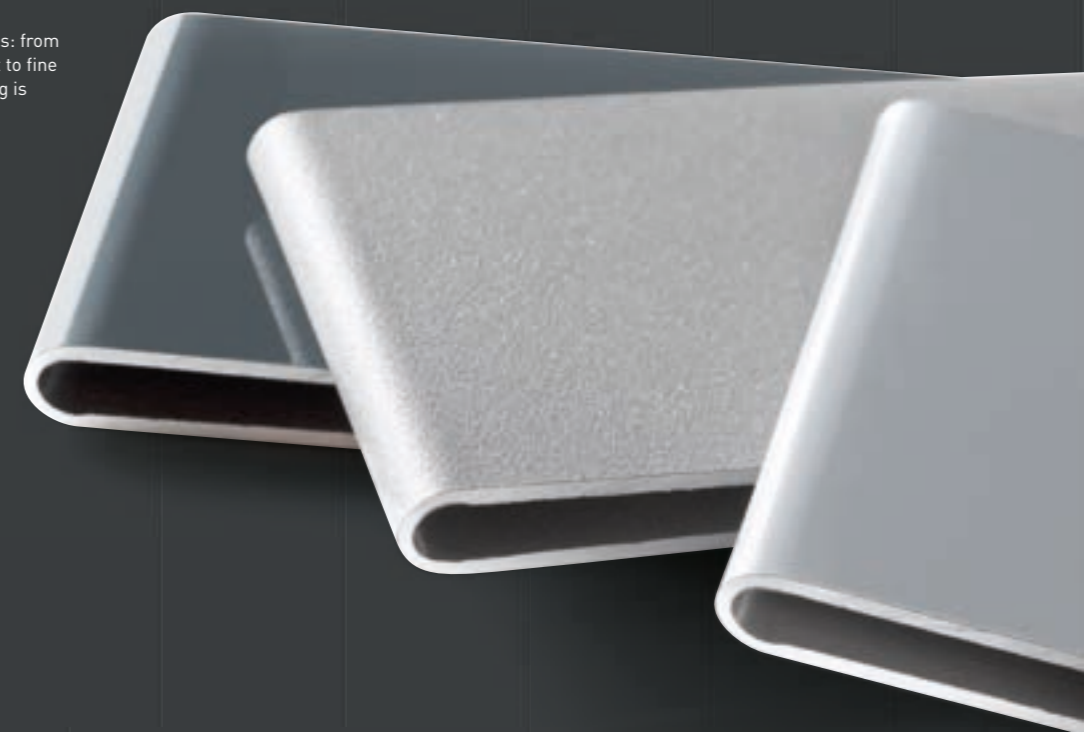


High quality surfaces with the finest nuances.

How can you make the most of a surface? In addition to a well-considered shade, the gloss level also has a strong impact on the desired effect. It describes the direct reflection of light: the higher the gloss, the more light is directly reflected. The RAL shades of the heroyal hwr powder coating are available in various gloss levels, from dull matt through matt, glossy, silk gloss to metallic and speckled effects.

In addition, the feel of the surfaces can also be finished with a fine structure. This gives you a multitude of design options – and one and the same shade can be individually interpreted with the gloss level and surface structure.

Customised surfaces: from glossy through matt to fine structure, everything is possible.



Extensive selection. Limitless design freedom.

Whether curtain wall or interior design: a harmonious, matching colour selection can add a considerable amount to the architecture. heroyal offers an extensive range of shades in durable and highly weather-resistant quality, thanks to various innovative coating technologies.

RAL, DB colours and more

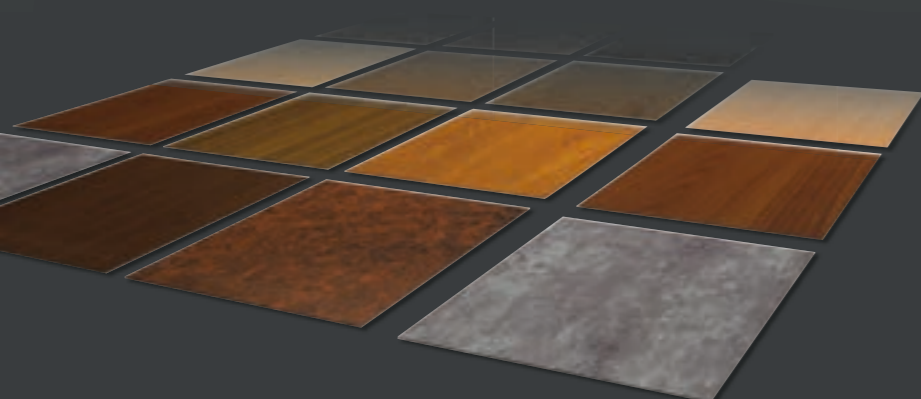
heroyal products are available in over 500 colours from the RAL and DB colour range. Plus in many other shades. An impressive selection that opens up countless possibilities for individual colour design.

heroyal Surface Design (SD)

This innovative coating technology lets you create high-quality wood, rust and concrete looks. A refined finish that offers great freedom of design as well as exceptional durability.

Les Couleurs® Le Corbusier

The exclusive partnership between heroyal and Les Couleurs® Le Corbusier gives you access to an exclusive colour system. The 63 natural shades have been chosen so that they can be harmoniously combined with each other.





Sustainability, security and design perfectly combined.

Window systems

Whether for commercial or private residential buildings: heroal window systems satisfy even the highest requirements on design and quality. All windows are tested and certified, achieve the best insulation values up to passive house certification and ensure burglary resistance up to resistance class RC 3. The use of aluminium makes heroal window systems particularly durable and low-maintenance.

Door systems

Inviting to welcome guests, secure protection against unwanted intruders: heroal door systems are as elegant as functional, solid and burglar-resistant. Made for a wide variety of different uses – front doors for commercial and residential buildings and fire doors, including the matching door thresholds and fittings – heroal systems achieve top marks in energy- efficiency, tightness and sound protection.

Curtain wall systems

Maximum quality and outstanding insulation values – without compromising on design. Whether design-oriented, passive house compatible or certified fire protection – heroal curtain wall systems meet a whole host of requirements. For a harmonious overall appearance, curtain walls can be perfectly combined with heroal window, door and lifting-sliding door systems as well as heroal sun protection systems.

Roofings

Durable, weather-resistant and individual: the heroal aluminium profile system can be used to create roofs for patios, carports, canopies and conservatories. Thanks to the use of aluminium, the roofing is particularly sturdy and resistant to wind loads, while the coating provides corrosion-resistance and colour stability. Combined with heroal sun protection or sliding glass walls, this creates a harmonious complete solution.



RAL colours

RAL 1000 Green beige	RAL 1001 Beige	RAL 1002 Sand yellow	RAL 1003 Signal yellow	RAL 1004 Gold yellow	RAL 1005 Honey yellow
RAL 1006 Maize yellow	RAL 1007 Daffodil yellow	RAL 1011 Brown beige	RAL 1012 Lemon yellow	RAL 1013 Pearl white	RAL 1014 Ivory
RAL 1015 Light ivory	RAL 1016 Sulphur yellow	RAL 1017 Saffron yellow	RAL 1018 Zinc yellow	RAL 1000 Green beige	RAL 1019 Grey beige
RAL 1020 Olive yellow	RAL 1021 Colza yellow	RAL 1023 Traffic yellow	RAL 1024 Ochre yellow	RAL 1027 Curry yellow	RAL 1028 Melon yellow
RAL 1032 Broom yellow	RAL 1033 Dahlia yellow	RAL 1034 Pastel yellow	RAL 1035 Pearl beige matt	RAL 1036 Pearl gold matt	RAL 1037 Sun yellow
RAL 2000 Yellow orange	RAL 2001 Red orange	RAL 2002 Blood orange	RAL 2003 Pastel orange	RAL 2004 Pure orange	RAL 2008 Bright red orange
RAL 2009 Traffic orange	RAL 2010 Signal orange	RAL 2011 Deep orange	RAL 2012 Salmon orange	RAL 2013 Pearl orange	RAL 3000 Flame red
RAL 3001 Signal red	RAL 3002 Carmine red	RAL 3003 Ruby red	RAL 3004 Purple red	RAL 3005 Wine red	RAL 3007 Black red
RAL 3009 Oxide red	RAL 3011 Brown red	RAL 3012 Beige red	RAL 3013 Tomato red	RAL 3014 Antique pink	RAL 3015 Light pink
RAL 3016 Coral red	RAL 3017 Rose	RAL 3018 Strawberry red	RAL 3020 Traffic red	RAL 3022 Salmon red	RAL 3027 Raspberry red
RAL 3028 Pure red	RAL 3031 Orient red	RAL 3032 Pearl ruby red	RAL 3033 Pearl pink	RAL 4001 Red lilac	RAL 4002 Red violet
RAL 4003 Heather violet	RAL 4004 Claret violet	RAL 4005 Blue lilac	RAL 4006 Traffic purple	RAL 4007 Purple violet	RAL 4008 Signal violet

Windows · Doors · Curtain walls · Roofings

RAL colours

RAL 4009 Pastel violet	RAL 4010 Telemagenta	RAL 4012 Pearl blackberry	RAL 5000 Violet blue	RAL 5001 Green blue	RAL 5002 Ultramarine blue
RAL 5003 Sapphire blue	RAL 5004 Black blue	RAL 5005 Signal blue	RAL 5007 Brilliant blue	RAL 5008 Grey blue	RAL 5009 Azure blue
RAL 5010 Gentian blue	RAL 5011 Steel blue	RAL 5012 Light blue	RAL 5013 Cobalt blue	RAL 5014 Pigeon blue	RAL 5015 Sky blue
RAL 5017 Traffic blue	RAL 5018 Turquoise blue	RAL 5019 Capri blue	RAL 5020 Ocean blue	RAL 5021 Water blue	RAL 5022 Night blue
RAL 5023 Distant blue	RAL 5024 Pastel blue	RAL 5025 Pearl gentian blue	RAL 5026 Pearl night blue	RAL 6000 Patina green	RAL 6001 Emerald green
RAL 6002 Leaf green	RAL 6003 Olive green	RAL 6004 Blue green	RAL 6005 Moss green	RAL 6006 Grey olive	RAL 6007 Bottle green
RAL 6008 Brown green	RAL 6009 Fir green	RAL 6010 Grass green	RAL 6011 Reseda green	RAL 6012 Black green	RAL 6013 Reed green
RAL 6014 Yellow olive	RAL 6015 Black olive	RAL 6016 Turquoise green	RAL 6017 May green	RAL 6018 Yellow green	RAL 6019 Pastel green
RAL 6020 Chrome green	RAL 6021 Pale green	RAL 6022 Brown olive	RAL 6024 Traffic green	RAL 6025 Fern green	RAL 6026 Opal green
RAL 6027 Light green	RAL 6028 Pine green	RAL 6029 Mint green	RAL 6032 Signal green	RAL 6033 Mint turquoise	RAL 6034 Pastel turquoise
RAL 6035 Pearl green	RAL 6036 Pearl opal green	RAL 6037 Pure green	RAL 7000 Squirrel grey	RAL 7001 Silver grey	RAL 7002 Olive grey
RAL 7003 Moss grey	RAL 7004 Signal grey	RAL 7005 Mouse grey	RAL 7006 Beige grey	RAL 7008 Khaki grey	RAL 7009 Green grey

Windows · Doors · Curtain walls · Roofings

RAL colours

RAL 7010 Tarpaulin grey	RAL 7011 Iron grey	RAL 7012 Basalt grey	RAL 7013 Brown grey	RAL 7015 Slate grey	RAL 7016 Anthracite grey
RAL 7021 Black grey	RAL 7022 Umbra grey	RAL 7023 Concrete grey	RAL 7024 Graphite grey	RAL 7026 Granite grey	RAL 7030 Stone grey
RAL 7031 Blue grey	RAL 7032 Pebble grey	RAL 7033 Cement grey	RAL 7034 Yellow grey	RAL 7035 Light grey	RAL 7036 Platinum grey
RAL 7037 Dusty grey	RAL 7038 Agate grey	RAL 7039 Quartz grey	RAL 7040 Window grey	RAL 7042 Traffic grey A	RAL 7043 Traffic grey B
RAL 7044 Pelican	RAL 7045 Telegrey 1	RAL 7046 Telegrey 2	RAL 7047 Telegrey 4	RAL 7048 Pearl mouse grey	RAL 8000 Green brown
RAL 8001 Ochre brown	RAL 8002 Signal brown	RAL 8003 Clay brown	RAL 8004 Copper brown	RAL 8007 Fawn brown	RAL 8008 Olive brown
RAL 8011 Nut brown	RAL 8012 Red brown	RAL 8014 Sepia brown	RAL 8015 Chestnut brown	RAL 8016 Mahogany brown	RAL 8017 Chocolate brown
RAL 8019 Grey brown	RAL 8022 Black brown	RAL 8023 Orange brown	RAL 8024 Nut brown	RAL 8025 Pale brown	RAL 8028 Terra brown
RAL 8029 Pearl copper	RAL 9001 Crème white	RAL 9002 Grey white	RAL 9003 Signal white	RAL 9004 Signal black	RAL 9005 Jet black
RAL 9006 White aluminium	RAL 9007 Grey aluminium	RAL 9010 Pure white	RAL 9011 Graphite black	RAL 9016 Traffic white	RAL 9017 Traffic black
RAL 9018 Papyrus white	RAL 9022 Pearl light grey	RAL 9023 Pearl dark grey			

Windows · Doors · Curtain walls · Roofings

Les Couleurs® Le Corbusier in hwr quality – exterior and interior colours

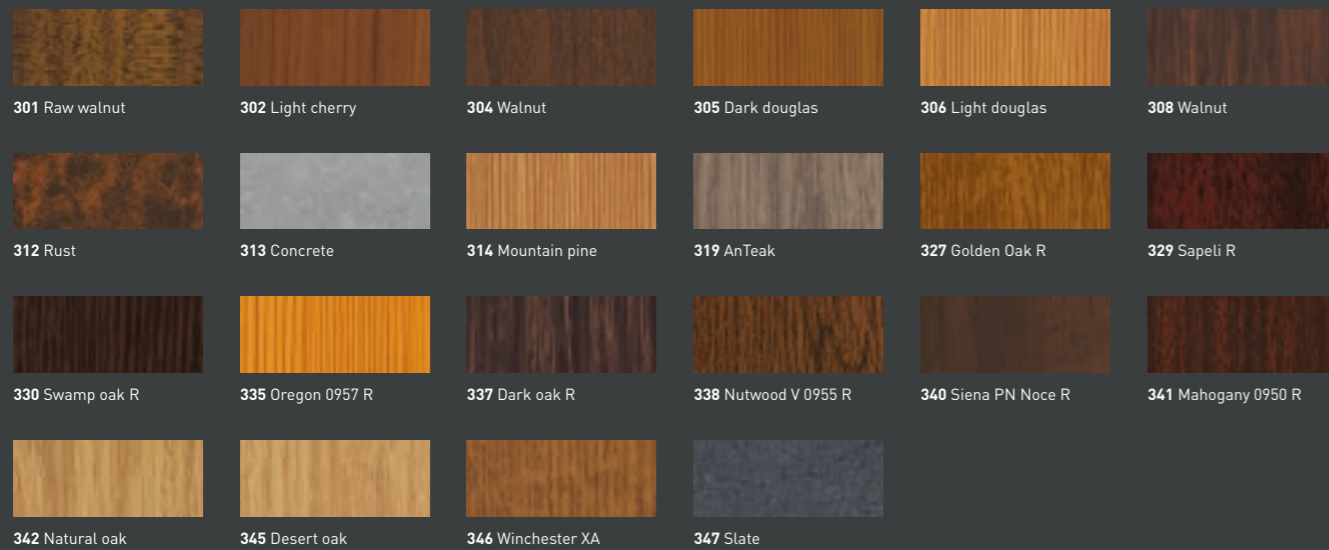
32001 blanc	32010 gris foncé 31	32011 gris 31	32012 gris moyen	32013 gris clair 31	32023 outremer pâle
32024 outremer gris	32031 céruleen vif	32032 céruleen moyen	32033 céruleen clair	32034 céruleen pâle	32041 vert anglais clair
32042 vert anglais pâle	32052 vert clair	32053 vert jaune clair	32060 ocre	32082 orange pâle	32091 rose pâle
32102 rose clair	32110 l'ocre rouge	32111 l'ocre rouge moyen	32112 l'ocre rouge clair	32120 terre sienne brûlée 31	32121 terre sienne brique
32122 terre sienne claire 31	32123 terre sienne pâle	32130 terre d'ombre brûlée 31	32131 ombre brûlée claire	32141 ombre naturelle moyenne	32142 ombre naturelle claire
4320B blanc ivoire	4320D terre sienne brûlée 59	4320E noir d'ivoire	4320F vert olive vif	4320H gris 59	4320L ocre jaune clair
4320M le rubis	4320N bleu céruleen 59	4320P terre sienne claire 59	4320U gris foncé 59	4320R ombre naturelle 59	

Windows · Doors · Curtain walls · Roofings

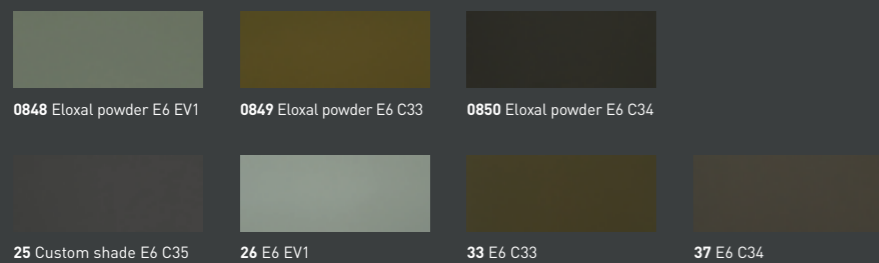
Les Couleurs® Le Corbusier – interior colours

32020 bleu outremer 31	32021 outremer moyen	32022 outremer clair	32030 bleu céruleen 31	32040 vert anglais	32050 vert foncé
32051 vert 31	32080 orange	32081 orange clair	32090 rouge vermillon 31	32100 rouge carmin	32101 rouge rubia
32140 ombre naturelle 31	4320A rouge vermillon 59	4320C rose vif	4320G vert 59	4320K bleu outremer 59	43200 gris clair 59
4320S orange vif	4320T bleu outremer foncé	4320W le jaune vif			

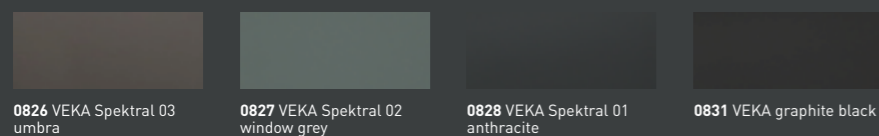
heroal Surface Design (SD)



Eloxal colours



VEKA colours



DB colours



The picture of the colours may differ slightly from the original products.



Protection and security, harmoniously integrated into the architecture.

Roller shutters · Roller doors

Roller shutter systems

Individual, extremely sturdy, energy-efficient, burglar-resistant: heroal aluminium and stainless steel roller shutter systems protect against the sun, wind and weather as well as prying eyes – and when closed they also make a considerable contribution to a positive energy footprint. The roller shutter slats are coated with the weather-resistant and durable heroal 2-layer thick coating. A roll former with special roller inserts is used to give the roll-formed roller shutter slats their millimetre-perfect shape.

Roller door systems

Efficient, secure and aesthetic solutions for private buildings, commerce and industry: the TÜV-tested and CE-certified heroal roller door systems achieve the best possible results in opening and closing speeds, energy-efficiency, service life, protection against hail and storms, burglary resistance and sound protection. Once again, the heroal 2-layer thick coating ensures a high level of weather-resistance and a long service life of the roller door slats. Like our roller shutter slats, a roll former with special roller inserts is used to give the roll-formed roller door slats their millimetre-perfect shape. Extruded roller door slats for roller doors, roller grilles and overhead doors are manufactured using special extrusion machines, making them exceptionally stable.

A harmonious whole

Various installation versions, numerous panel box designs as well as special ventilation and visual profiles ensure a harmonious and functional integration into the architecture. Additional roller shutter and roller door components, such as guide rails, panel boxes and end slats are coated in coordinated RAL shades.



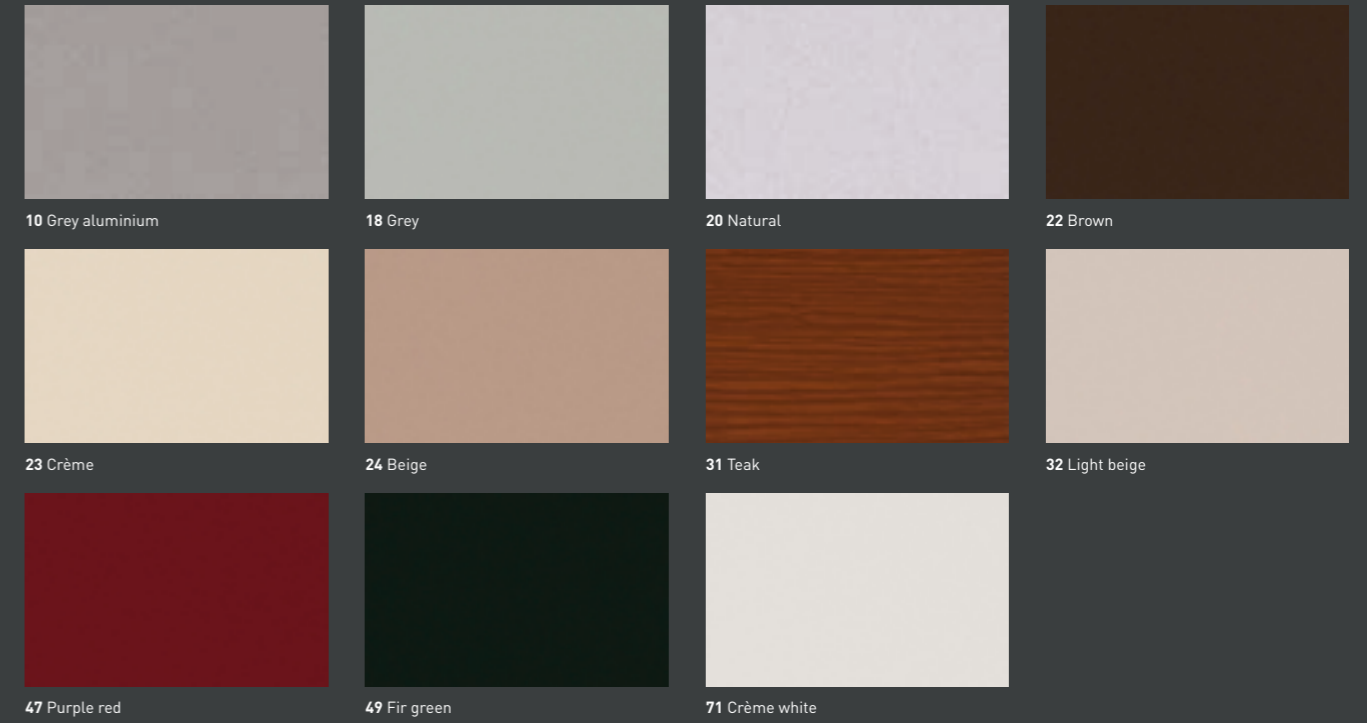
Roller shutters · Roller doors

Roller shutters – standard slats



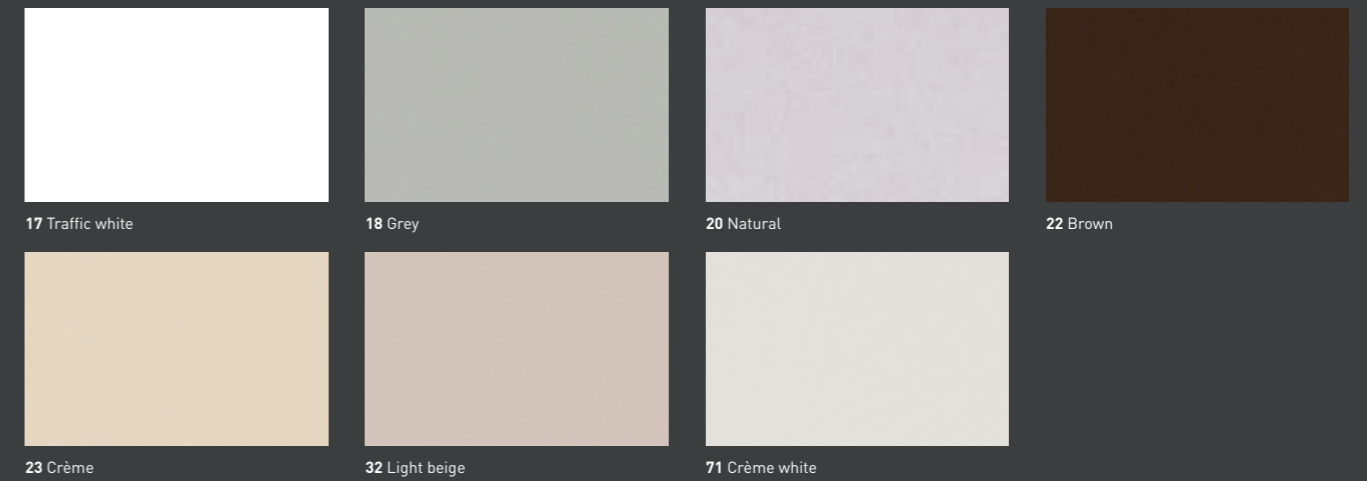
Roller shutters

Roller shutters – mini slats



Roller shutters

Roller shutters – security slats



Roller doors – heroyal RD 75 / RD 75 TL



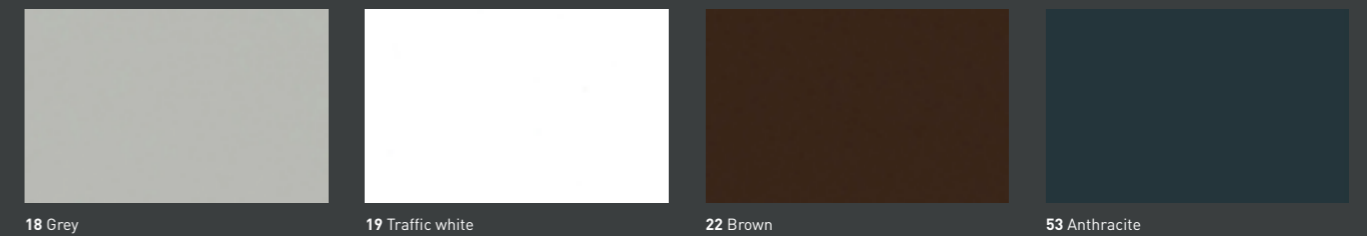
Roller doors

Roller doors – heroyal RS 55 SL / RD 55



Roller doors

Roller doors – heroyal RD 75 E / RG 90 / visual and grille profile / ventilation profile RD 75



The pictures of the colours may differ slightly from the original products.

The sun stays outside. The view stays beautiful.



Large window surfaces create interiors that are full of light and provide for stunning views. heroyal sun protection systems prevent direct solar radiation – even on very sunny days – without having to forego natural daylight. To meet the ever-increasing demands of architects and builders, heroyal has developed solutions with different areas of focus.



As a zip-screen system made of textile sun protection, heroyal VS Z impresses with maximum wind stability. For lower wind load requirements, heroyal VS C with rope guidance and heroyal VS provide for unobtrusive solutions to protect against glare and heat. The heroyal HS and heroyal VS Z OR horizontal and vertical blinds together provide perfect sun protection for your patio roof.

The fabric type of all systems depends on the intended use: for example, virtually transparent fabrics protect against the sun's glare but keep the natural daylight in the room. By contrast, block-out fabrics create a 100% darkening in the bedroom. The colours of the aluminium components (panels, guide rails, end slats) match the colours of the heroyal products from the window, door and curtain wall systems segment.

Sun protection



Sun protection

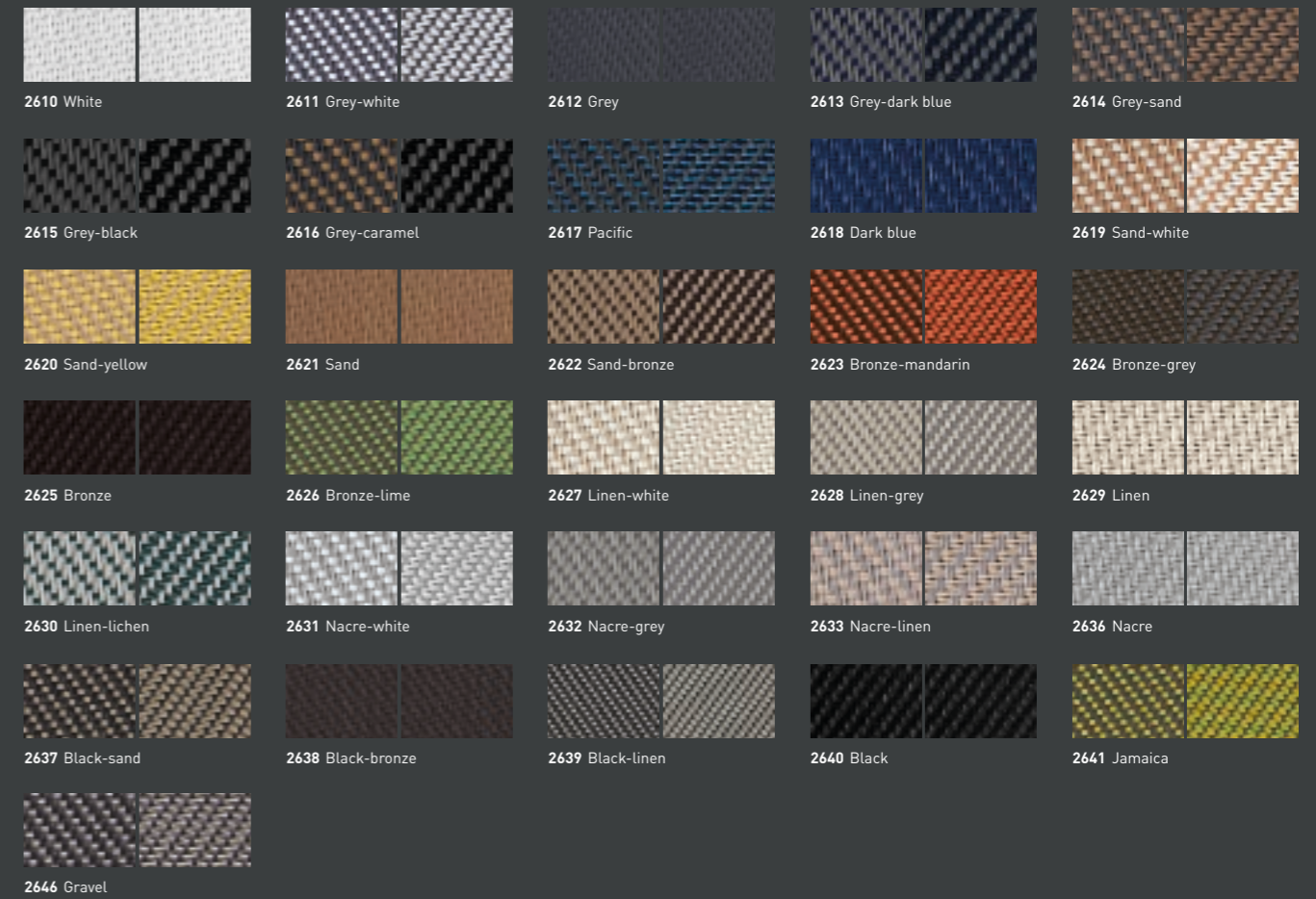
Sergé 600 OF: 5% / **Satiné 5500** OF: 4%



Sergé 1% OF: 1%



Sergé 3% OF: 3%



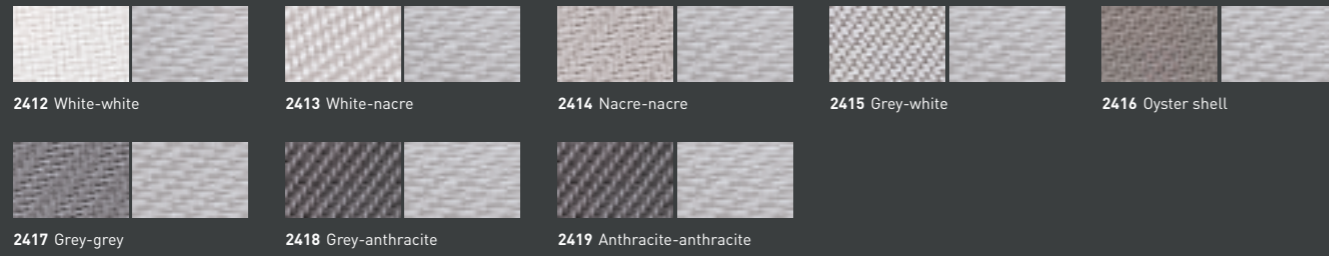
Sergé 10% OF: 10%



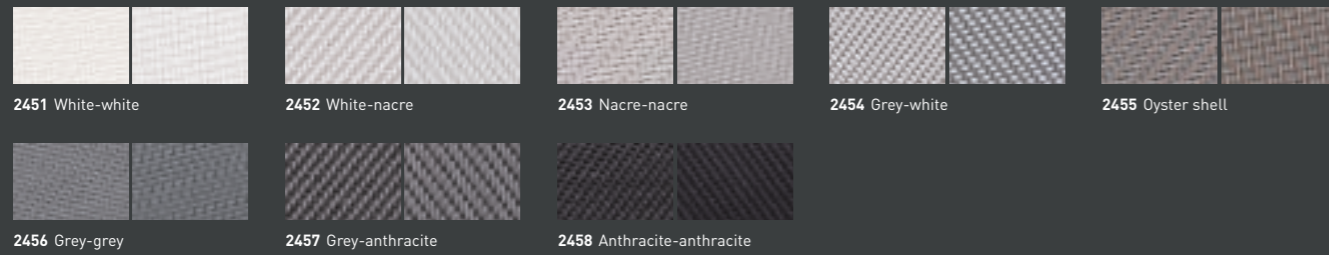
The opening factor (OF) indicates the translucence of the material as a percentage - from virtually transparent at a factor of 14% to total darkness at 0%..

Textile patterns always show the front and back

Sergé 600 B0 Lunar OF: 0%



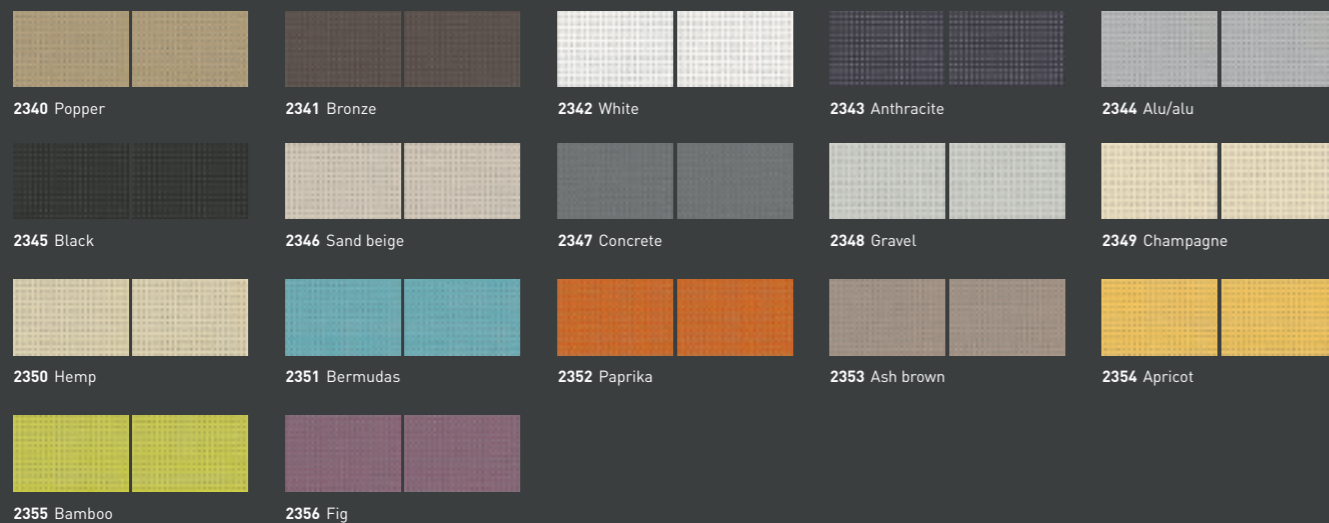
Sergé 600 B0 Solar OF: 3%



Soltis Horizon 86 OF: 14%



Soltis Harmony 88 OF: 8%



Soltis Perform 92 OF: 4%



Soltis Opaque B92/B702 OF: 0%



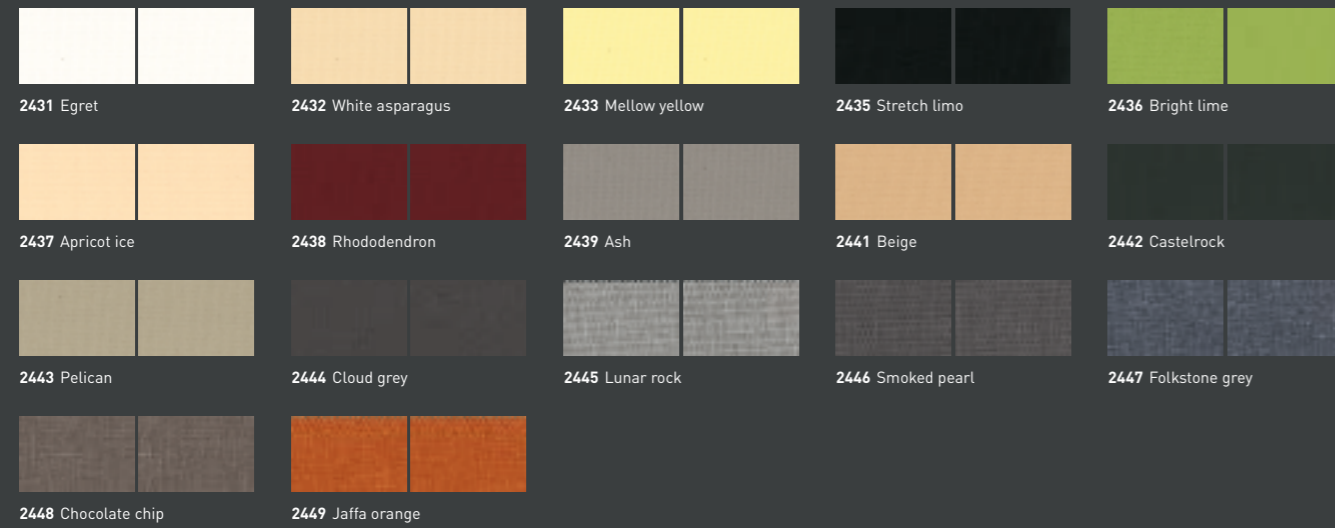
Sun protection

Sun protection

The opening factor (OF) indicates the translucence of the material as a percentage – from virtually transparent at a factor of 14% through to total darkness at 0%.

Textile patterns always show the front and back

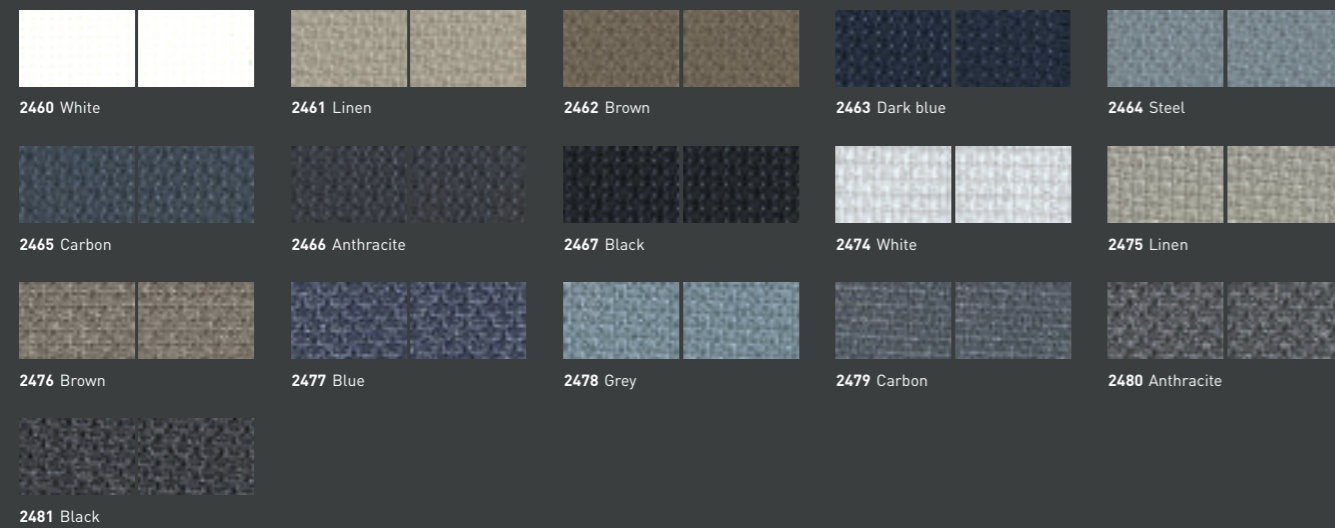
Starscreen OF: 3.5%



Orchestra OF: 0%



Vuscreen 317/318 OF: 4%



Flexilight 6002 Opaque OF: 0%



Sergé and Satiné

are made of woven and coated fibre glass – the fibre glass core and the PVC coating make the fabrics particularly smooth and create a pleasant atmosphere. Depending on the chosen textile, the different levels of transparency range from virtually transparent to complete darkening.

Soltis

retains its shape particularly well. The textile is pulled in both directions under high tension and fixed in place with liquid PVC. The high textile tension makes the fabric ideal for shading large areas and for complete room darkening.

Starscreen

has a unique, open weave that creates a pleasant translucence and reflects 97% of the solar radiation. The textile is PVC-free and extremely easy to care for and clean thanks to the special TEFLON® coating.

Vuscreen

has a special pigmentation made of encapsulated aluminium particles that provides effective heat protection for every glass surface, completely PVC-free. The fine pigments reflect infrared radiation and reduce the transmission of heat energy by up to 70%.

Orchestra

is woven from spun-dyed acrylic fibres and provides perfect performance features in terms of colour stability, resistance level and sun protection. The exclusive "Cleanguard" coating makes these textiles exceptionally water- and dirt-repellent.

Flexilight 6002 Opaque

is particularly resistant to UV radiation and has a dirt-repellent texture – so it keeps its good looks even after many years of use. The PVC fabric is phthalate-free, very easy to process and extremely flexible.

The opening factor (OF) indicates the translucence of the material as a percentage – from virtually transparent at a factor of 14% through to total darkness at 0%.

Textile patterns always show the front and back. The pictures of the textiles may differ slightly from the original products.

You know it's quality when colour stays colourful.

We use our own coating systems to give the heroyal aluminium systems surfaces that meet the most stringent international quality standards. They ensure high colour stability, protection against UV radiation, gloss retention and exceptionally weather-resistant surfaces.

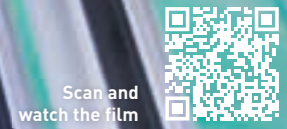
The heroyal hwr powder coating in its various gloss and application levels gives surfaces a premium coating and finish. The heroyal 2-layer thick coating is used for roll-formed profiles. Eloxal coatings generate a natural/metallic look. And the innovative heroyal Surface Design (SD) coating technology gives surfaces an attractive wood, rust or concrete look.

The high quality of the heroyal coatings has been confirmed by countless certifications, such as the Qualicoat quality seal and the certification as official GSB Premium Coater.



Coating technologies

Coating technologies



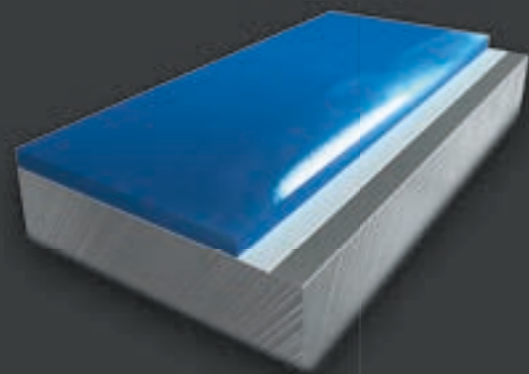
Quality – layer by layer: the heroyal coating process.



Coating technologies

heroyal hwr powder coating

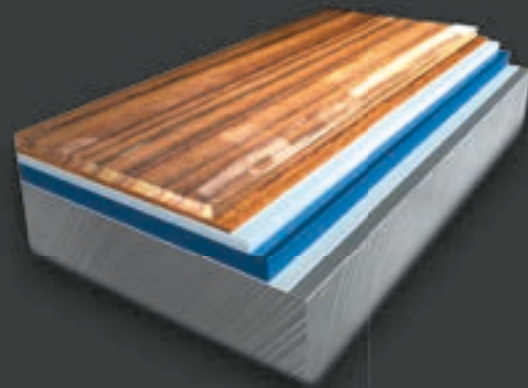
Colour that keeps its appearance: the high-quality heroyal hwr powder coating delivers the best values in colour stability, gloss retention, weather resistance and UV protection. The coating powder is electrostatically applied to the pretreated aluminium profiles. The coating process naturally also satisfies all ecological requirements.



- Coating structure:**
1. Aluminium base material
 2. Chromium-free passivation
 3. heroyal hwr powder coating

heroyal Surface Design (SD)

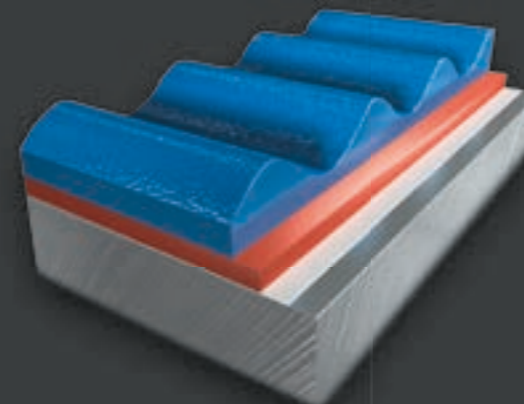
Individuality in premium quality: the heroyal Surface Design surface refinement allows you to create stunning wood, concrete and rust looks. A transfer foil is used to burn the design structure onto the powder-coated profiles at 200° C in a vacuum process. The foil is then removed after the process. So the designs are permanently connected to the heroyal hwr powder coating for a first-class surface quality.



- Coating structure:**
1. Aluminium base material
 2. Chromium-free passivation
 3. heroyal hwr powder coating
 4. Transfer foil with sublimation ink

heroyal 2-layer thick coating

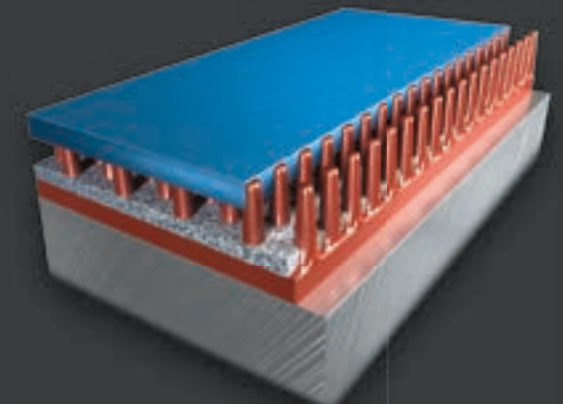
Perfectly protected from the wind and the weather: the heroyal 2-layer thick coating gives roll-formed aluminium components exceptional colour- and weather-resistance. The thick coating is applied in the rolling process and burned in at 240° C, after which a clear coat is applied and the aluminium is roll-formed. Quality that even certifies this thick coating for demanding maritime applications.



- Coating structure:**
1. Aluminium base material
 2. Pretreatment
 3. Base coat
 4. Protective coat

heroyal eloxal coating

Stunning metallic look: Eloxal colours give extruded profiles a vibrant, metallic reflective surface. In the anodising process, the top layer of aluminium is converted into a defined aluminium oxide layer under the influence of direct current in an electrolytic bath. For better reproducibility and weather-resistance, Eloxal colours can also be created with heroyal hwr powder coating.



- Coating structure:**
1. Aluminium base material
 2. Barrier coat
 3. Eloxal pores
 4. Metal oxides
 5. Compression

Coating technologies

We do everything we can to make sure that there are no limits to your creativity.

Architecture can be a whole lot more than straight lines and right angles. Do you have ideas that you would like to bring to life with an expert partner? The heroyal processing services are industry-leading – and for good reason. Our ultra-modern systems let us carry out even highly complex profile bending activities. Round, segmental and basket arches or circular elements as well as perfectly fitting, reproducible folds and structural attachments. All in the tried and tested high heroyal standard. Goods ideas, perfectly implemented: give your creativity free rein with the heroyal processing services.

heroyal services



The heroyal processing services: profile bending, folding, round, segmental and basket arches or circular elements. Perfectly fitting, reproducible folds and structural attachments.





Roller shutters | Sun protection | Roller doors | Windows | Doors | Curtain walls | Service

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