Cassette awning
Type 580

The WAREMA 580 cassette awning leaves nothing to be desired. It offers delicate sun shading for medium-sized patios and balconies.

In case of the installation of patio awnings on open areas, the patio frame offers perfect shading solution.

► Your benefits:

- Modern design with many designoptions
- Sophisticated functionality down to the last detail
- The cassette reliably protects the fabric against dirt and weather influences
- Brilliant accessories (optional): LED or halogen light rail, radiant heater, valance, valance roller blind, patio side screen, patio frame

Cassette awning 580

Accessories: patio frame

Technical details

	Cassette awning 580
Max. width (mm)	5500
Max. projection (mm)	3000
Max. inclination angle (degree)	40
Operation	
Crank	optional
Motor	standard
Radio motor	optional
Solar drive	optional
Fabric bearing shell	standard
Recommended control	WMS wind sensor
Standard colours	2
WAREMA Colour World	optional

For patio awnings

Light rails
– LED light rail or halogen light rail

Indirect lighting K70/K50
– LED stripes integrated in front rail and cassette with type K70 or just in the cassette with type K50
– Optionally available with WMS dimmer (LED)

Integrated lighting G60/H60
– LED stripes integrated in front rail
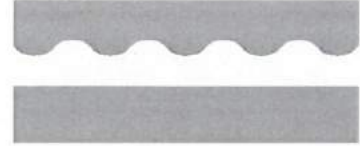– Optionally available with WMS dimmer (LED)

Turning gear
– The awning can be adapted to the current sun position by simply turning the crank
– Inclination angle continuously adjustable

Valance roller blind
– Additional valance roller blind in the front profile, extending vertically
– Drive by means of crank or motor

Valance shapes
– Elegant awning closure available in six shapes from straight to curved
– Accurate edging in different colours

WMS wind sensor
– Integrated wind sensor automatically retracts the awning in case of excessive wind

WMS comfort control
– Fully automatic control for awning and valance roller blind according to wind
– Awning and valance roller blind can be controlled together using a remote control
– Fully integrated into the awning for type K60 and K70

For patio roofs and patio awnings

Radiant heaters
– With infrared quartz technology, 1500 W
– Mounting on awning, patio roof or wall
– Radio control available for radiant heaters

For patio awnings

Light rails
– Halogen light rail for direct mounting on rafter
– Integrated lighting in the rafter with LED modules
– Operation possible with switch or radio control

For pergola awnings

Integrated lighting
– LED stripes in the guide rails available with WMS dimmer (LED)

Valance roller blind
– Valance roller blind in the front profile, lowered vertically (crank drive)

Acrylic Lumera
- CBA fibre (Clean Brilliant Acrylic)
- Smoother surfaces, rich colours, long lasting luminosity, high tear resistance
- Improved dirt repellency

Acrylic Standard
- 100% brand acrylic fabric
- Spinning nozzle dyed, light-fast, weatherproof and tear-resistant
- Dirt-repellent, rot-proof, air permeable and water-repellent through impregnation

Finish/connecting seams
- Impregnation perfectly protects the fabrics from soiling
- All WAREMA fabrics are tested according to the "Oeko-Tex Standard 100"
- Connecting seams and hems made with the particularly durable PTFE (Teflon) sewing thread such as TENARA® in plain white
- Soltis-92 – seams and hems permanently welded

Acrylic All Weather
- 100% brand acrylic fabric
- Transparent acrylate coating on the outside
- Fabric is virtually 100% waterproof

Perfora Acrylic fabric
- 100% brand acrylic fabric with perforation
- Good view out and transparency
- Reduced heat accumulation and little danger of formation of water pockets on the awning fabric through perforation
- High-grade, elegant fabric look through even perforation

Soltis 92
- Base material made of highly tear-resistant polyester, coated with PVC
- UV and dirt repellent
- Fabric is flame resistant and/or self-extinguishing
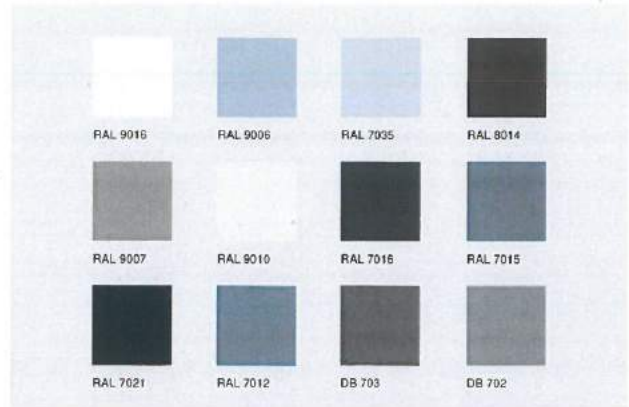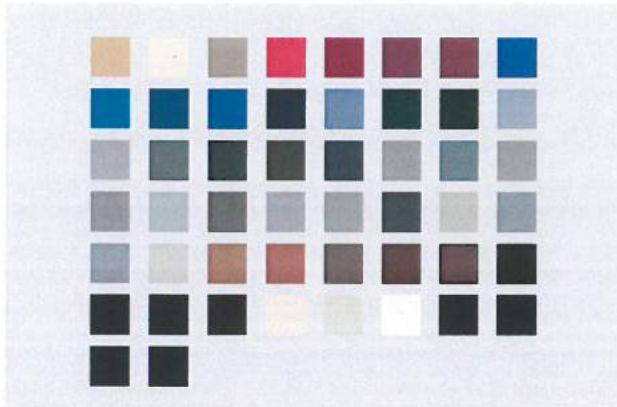
PVC film for viewing field
- Plastic film made from 100 % PVC
- Flame resistant according to DIN 4102, B1
- For patio side screens (in combination with Soltis 92 fabric)

Large-scale printing
- Sunprint collection for outdoor advertising, sponsoring, private use
- Large-scale images as digital printing over the complete awning fabric or a specific section
- Printing on white acrylic fabric with special surface treatment guarantees a photorealistic print result

RAL 9016	RAL 9006	RAL 7035	RAL 8014
RAL 9007	RAL 9010	RAL 7016	RAL 7015
RAL 7021	RAL 7012	DB 703	DB 702

WAREMA Colour World - Highlight

12 DB and RAL basic colours are the basis of our WAREMA Colour World. We thus offer you selected standard colours which satisfy all current colour requirements. Furthermore select five surfaces in order to perfectly adapt the gloss level and structure to the corresponding structural condition.
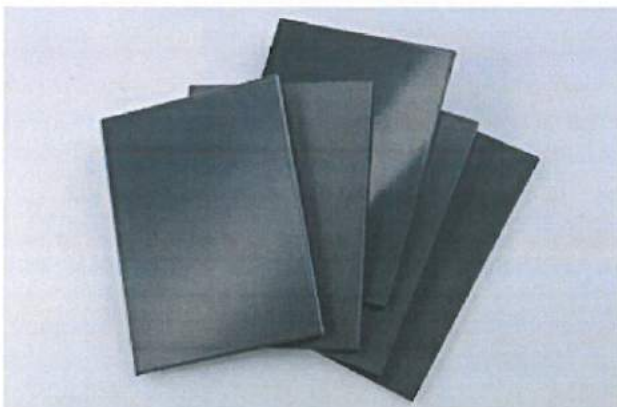

WAREMA Colour World - Variation

Use the option of variation with another 50 RAL basic colours and four finishes. This fulfils any of your architectural colour dream!

WAREMA Colour World - Individual

The category "Individual" with more than 180 powder colours is the perfect complement to the WAREMA Colour World. The surface quality available for this category is provided on request.
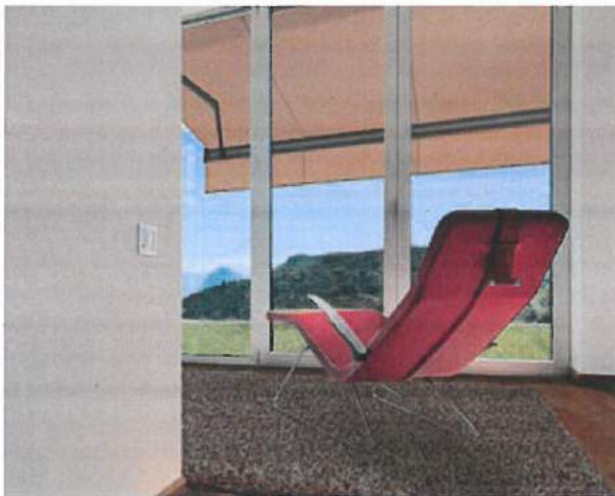

Surface qualities

Five different surfaces allow for the prefect selection according to your personal requirements. Satin finish is a not completely glossy surface with smooth course and best light and weather resistance. The surface matt is features a flat matt course. Fine structure is provided with efficient effects. The flood-resistant surfaces are characterised by a clearly improved weathering behaviour with regard to gloss retention, weathering, chalking and colour stability. It is available in matt and fine structure.

EWFS - Standardised WAREMA Radio System

The standardised WAREMA radio system offers you the opportunity to control the individual sun shading drive or light with a minimum amount of installation work. The uniform system allows individual expansion of the control system and leaves room for retrofitting further components at any time. WAREMA supplies the appropriate EWFS solution for the different control requirements of any sun shading product. Awnings for example can be controlled with permanent mode.

WMS - WAREMA Mobile System

Radio systems are particularly beneficial with retrofittings because no additional line routing is required. In the WAREMA Mobile System the only components needed are the transmitter and receiver. Users receive feedback about all move commands of their sun shading systems. Distant units can also be reached by transmitting commands from receiver to receiver (routing function).

WMS WebControl

Simple, comfortable and self-explanatory – the control of your awning via smartphone. Thanks to the intuitive user interface you can use your smartphones, tablets or computers to move your sun shading system with only a few steps into the correct position or to request their current position. Immerse into a completely new form of sun protection automation.

reddot award 2014 winner

Everything at a glance

		Cassette awnings					Articulated arm awnings			
							Half-closed	Open		
		550	580	K50	K60	K70	H60	530	G60	700S
Features/construction limit values*	max. width (mm)	4500	5500	5000	7000	7000	7000	6000	7000	5960
	max. projection/depth/height (mm)	2500	3000	3000	4000	4000	4000	3000	4000	3000
	Inclination	5-40°	5-40°	5-40°	5-35°	5-35°	5-45°	0-90°	0-85°	5-20°
	Mounting	outside					outside	outside		shaft
	Power transmission/guide	Flexband	Flexband	Flexband	segment, chain, steel cable	segment, chain, steel cable	segment, chain, steel cable	textile tape	segment, chain, steel cable	segment, chain, steel cable
Operation		crank, motor, radio motor	crank, motor, radio motor, solar drive			motor, radio motor	crank, motor, radio motor, solar drive	crank, motor, radio motor, solar drive		motor, radio motor
Fabric according to WAREMA collection	Acrylic Standard/Lumera	●	●	●	●	●	●	●	●	●
	Acrylic All Weather, Acrylic Perfora	○	○	○	○	○	○	○	○	○
	Soltis 92	○	○	○	○	○	○	○	○	○
Standard colours		2	2	2	Colours according to WAREMA Colour World			2	Colours according to WAREMA Colour World	
Equipment optionally	WMS wind sensor	○	○	○	○	○	○	○	○	○
	Valance	○	○	–	○	–	●	●	●	–
	Valance roller blind	–	○	–	○	○	○	–	○	–
	Fabric bearing shell	–	●	●	●	●	○	–	–	●
	Turning gear	–	–	–	–	–	○	–	○	–
	Light rail	○	○	○	○	○	○	○	○	–
	Integrated lighting	–	–	○	–	○	○	–	○	–
	Patio frame	○	○	○	○	○	○	○	○	–
	LB model	–	–	–	–	–	○	○	○	–
Options								rain hood		concealed shaft mounting
Control systems		○	○	○	○	○	○	○	○	○

* depending on fabric, area limitations possible ● standard ○ optionally – not possible