



Introducing the latest in
German design and engineering

markilux®
smart awnings, smart solutions

markilux®
the smart awning

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markilux® 6000 Über Cocoon



reddot design award
winner 2006



Club

The next generation in sun shading

Committed to being the market leader in awning technology and innovation, markilux has developed the new 6000 Über Cocoon. This prize-winning awning is equipped with technical innovations that set new standards in design, quality and durability for sun shading. The 6000 is available in three distinct lines Club, Studio and Lounge that complement various styles of architecture.

Vibrancy and freshness. The cassette is available in white powder-coated aluminium with colourful end-caps in yellow, blue and red.



Features

- **Bionic Tendon** - New folding-arm element manufactured using exceptionally stable and strong blend of manmade fibres
- Stress-tested on 50,000 movements without signs of fatigue with daily use, that is a lifespan of more than 50 years
- Extreme strength, able to bear more than 10,000 Newtons of tensile force. At around one tonne, this is the equivalent to the weight of a small car
- Tendon optimises the transmission of force from the arm joint to the front profile which in turn improves the fabric cover tension



Studio

Modern and timeless style. This line of cassettes is powder-coated in an aluminium colour and accented by various coloured end-caps.



- Ensures friction-free, noiseless bending of the arms
- Highly tear-resistant, durable and maintenance free
- Strong, oversized 85mm roller tube ensures cover rolls evenly, preventing sagging
- Standard operation is manual with a 5:1 ratio gearbox and a removable, stainless-steel winding handle
- Modular Clip-on Accessory System - tailors the optional functions to individual needs



Lounge

Refined and classic. A range with more subdued tones that utilises steel webbing, wood, black and polished chrome. The Lounge features a new technology called "nano coating," which creates a self-cleaning property. Particles of dirt are unable to adhere to the surface allowing rainwater to simply wash it away.



Dimensions

- Maximum width of 7.0m
- Extension up to 4.0m
- Custom-made awnings up to 14.0m wide, with the inclusion of a junction roller and split covers

Options

- Servo-assisted gear box
- Somfy motorisation with remote and automatic controls and sensors
- Shadeplus® - manual or motorised extendable drop valance
- Fluorescent tubular lighting system module



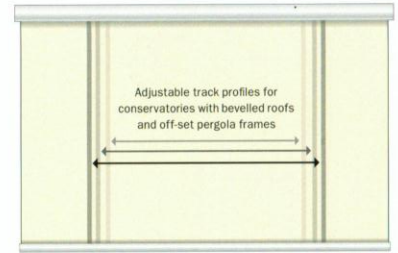
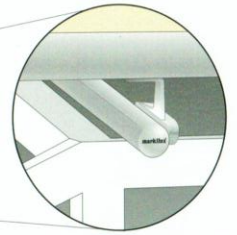
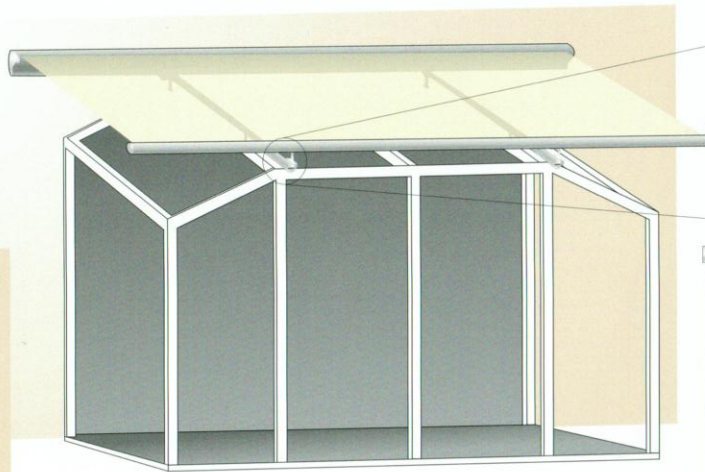
Bionic Tendon



markilux® 8500 Conservatory

Sun shading solution with countless capabilities

The new markilux 8500 Conservatory awning offers greater protection from the sun by providing adjustable track profiles for conservatories with bevelled roofs. Utilising the tried and tested technology seen in the markilux 8000 Conservatory, the refined markilux 8500 is ideal for any exterior conservatory with a custom shape.



Birds-eye view

Features

- Adjustable track profiles for conservatories with bevelled roofs and off-set pergola frames
- Tracks can be indented by up to 1.2m from both sides
- Track profiles can extend beyond the front of the structure by up to 1.0m, guaranteeing more overhanging shade
- Two independently working gas pistons create optimum fabric cover tension.
- Awning is driven by an electric motor which is secreted within the 95mm roller tube
- Exceptionally tear resistant transportation belt ensures the lengths of fabric extend and retract easily and reliably
- Sturdy, self-supporting extruded aluminium cassette
- All bearings use Teflon-coated bronze bushes
- Perfected slide and glide rail system minimises noise during operation

Dimensions

- Maximum width of 6m (without a support tube)
- Extension up to 5m
- Maximum coverage up to 25m² per unit

Options

- Somfy remote and automatic controls and sensors
- Swela Acrylic, Swela SNC (Swela Nano Clean), Swela Transolair and Soltis 92 materials available

Fabrics



Swela Sunsilik SNC

Welcome sunshine! A result of three years in research and development, Swela Sunsilik SNC (Swela Nano Clean) is a milestone in external textile development. This silky high-tech polyester based fabric provides a self-cleaning "finish" that enables the fabric cover to permanently repel dirt, grease, oil and water, which not only ensures its long lasting radiant colour but also a low maintenance awning for life.

Features

- Coated with a finish (nano-coating) to permanently repel dirt, grease, oil and water
- Ensures long lasting original colour
- Polyester fabrics with silky appearance and feel
- Highly tear-resistant
- Maximum UV protection while allowing in luminescent light
- Low maintenance – Rain water will wash away any dirt or dust
- Available in a wide range of plain and patterned vibrant colours



markilux Ultrasonic Bonding

Increased use of motorisation in awning systems has placed higher stress levels on fabric covers through increased rates of operation. In the case of sewn fabric covers this can result in weakened seams that can eventually wear. To counter this issue, markilux has pioneered ultrasonic adhesive bonding, an adhesive to bond fabric covers. This new high-compression technology utilises a highly concentrated surface adhesive to join the length of fabric covers, replacing the need for double stitched seams.

Features

- High compression overlap bond enhances durability
- Improved appearance of a taut cover
- No fraying of threads through wear and tear
- Heat, cold and water resistant
- No unsightly threads and pin holes
- UV stable under normal conditions reducing premature aging through UV radiation or environmental influences
- Available on all markilux awnings with the exception of conservatory awnings
- Suitable for Swela Sunsilik, Acrylic and Transolair fabric covers

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