

Commercial Tender Specifications

Thermal Covers

Cover Materials

Sunbather Thermal Pool Covers are fabricated from UV stabilised blue closed cell cross-linked polyethylene foam laminated between a UV stabilised woven polyethylene fabric top and bottom. Lamination is accomplished by flame bonding between the layers.

Materials shall be manufactured to quality management standard AS-NZS-ISO 9002.

Commercial pool centres are to use Sunbather 4mm Thermal Cover or equivalent with a minimum thermal resistance (R-Value of 0.13 m²K/W) in Climate Zones 4-8 (as defined in NCC).

Sunbather 6mm and 2mm Thermal Covers are available with R-values of 0.17 and 0.08 m²K/W respectively. Both are only available in mid-blue colour.

Colour choice for commercial centres is recommended to be limited to Sky Blue or Grey. Darker covers are not recommended due to the effects of chlorine bleaching and excessive shrinking.

Protective Edging (Indoor Pools)

Indoor pool covers are to be stitched around the periphery with protective UV stabilised, fire-retardant, PVC coated, and tear-resistant polyester of minimum 650 GSM, or mesh double stitched along its entire longitudinal edge to protect against wear and abrasion.

Material coverage must extend a minimum of 25 millimetres from external edge, on both sides.

All edging shall be double stitched with UV resistant polyester thread of ticket 18 or lower, suitable for marine use with chlorine bleach-fastness.

Wind Edging (Outdoor Pools)

External covers shall be fitted with weighted wind edging along longitudinal edges.

Effective as means of reducing blanket dislodgment from the water surface.

Proprietary weighted PVC strip of no less than 165 grams per metre, encased within a Sunbather Ripstop material, that is UV stabilised, fire-retardant, PVC coated, and tear-resistant polyester of minimum 650 GSM.

All wind edging shall be double stitched with UV resistant polyester thread of ticket 18 or lower, suitable for marine use and chlorine bleach-fastness.

End Detail

Leading and trailing ends of the cover shall consist of a minimum triple layered and be fully reinforced with double stitching.

The leading edge shall incorporate a central reinforcing insert, through which a stainless-steel eyelet for haul cord attachment.

The trailing edge shall be connected to its storage roller by attachment cords or straps at intervals no greater than 600 millimetres.

Attachment cords shall be manually detachable from the roller tube and be of a material suitable for use in swimming pools.

All attachment cords shall be terminated in an effective manner by corrosion resistant crimps or a suitable knot. Cord trimming must be done with a hot knife to ensure ends are properly sealed.



 **1800 228 437**

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Haul Cords

Cover systems are supplied with a haul cord of adequate length to be attached to the cover and walked to the opposite end of the pool, to begin hauling. One end shall have a non-corroding spring clip for connection to the central pull ring. Haul cords are black and must float in water.

Colour

Sky Blue or Grey

Warranty

4,000 micron (4mm) Thermal Cover - Eight (8) year warranty (One year full and seven year pro rata).

Please see full warranty information – <https://sunbather.com.au/support/warranty/>



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