



Vental

Type 80 a2 External Venetian Blind

vental first class in external venetian blinds



external blinds are one of the most efficient types of solar shading available, acting as a barrier between the light and the external face of the glass, thereby significantly reducing the heat build-up through the glass as well as controlling glare.

vental type 80a2 external venetian blinds are an extremely efficient solar shading system, providing variable light control through the tilting of the slats, while retaining the outside view.

the type 80a2 system is suitable for most types of installation and can be used to cover very large glazed areas. it is robust and probably one of the most stable external blind systems in windy conditions.

vental type 80a6 external venetian blinds are the high quality solution to your sun shading needs. their operation is similar to that of internal venetian blinds, but are far more effective, as they stop the heat outside the building.

vental type 80a2 external venetian blinds are highly resistant to corrosion and especially constructed to withstand australia's severe conditions. with their wide slats which can be adjusted to any given angle, not only do they control solar heat gain through windows, they allow you to obtain the right balance between light and glare in every room at any time of day.

another advantage of vental blinds is privacy. our external venetian blinds protect you against unwanted views from outside, while at the same time, allowing an almost unobstructed view out.

all vental blinds are straightforward to fit and designed for mounting to most types of surface. they are particularly suitable for building facades where the pelmets can be adjusted to suit each individual window, or alternatively the pelmet can be supplied as a continuous fascia in keeping with the architecture of the building. blinds can also be fitted under an overhang or concealed within a recess and the system has provision for installations with top-hung sash windows or inward opening emergency escape windows. there is a wide range of standard slat colours. pelmets are available in colours to suit the applications.

a single control system is used for both raising/lowering and tilting the slats, operated by means of an electric motor. motorised blinds can provide additional control options from simple electrical switches to wireless remote control, sun + wind sensors or compatibility with automated building management systems.

so why choose **vental**

quality & reliability - vental manufactures all of its external venetian blinds, so we can select every part that goes in to make the end product. this allows us to select components of the highest technical quality so that our blinds will give our customers years of reliable service. we're so proud of our blinds, we put our name on every one we make.

delivery speed - because we manufacture all of our blinds right here in australia, vental can deliver, fast. should your project needs change

long company history - vental has been manufacturing external venetian blinds in australia since 1985. that's all we do. this means the product you purchase now will not become unsupported in the future.

full repair service - let's face it, accidents happen. so isn't it reassuring to know that, vental can quickly replace any damaged component in any blind we manufacture.

vental the right choice in external venetians

vental premium design & components

slats

made from double stove enamelled, lightfast, specially alloyed aluminium coil. this is roll formed to produce an elegantly curved venetian slat with extra strength from smooth bead radius edges.

size: 80x0.44 mm

tilting device

maintenance free tilt + raise spool that allows the blind slats to tilt both ways in any dropped or intermediate position. when lowering the blind, it is closed towards the exterior. when raising the blind, it is closed towards the interior. the tilting process is performed smoothly when changing the direction of blind with a short up/down movement.

lifting tape

a highly technical component is anti-abrasion edge polished and is uv stabilised for maximum durability.

size: 6.0x0.28 mm.

standard finish: highly uv stabilised black yarn dyed.

ladder cord

made from high strength polyester with kevlar aramid fibre is shrink resistant and uv stabilised.

size: 6.0x0.28 mm.

standard finish: highly uv stabilised black yarn dyed.

top rail

made from clear satin anodised extruded aluminium in a u-shaped profile for strength.

size: 58x56 mm.

bottom rail

made from a single piece hollow extruded aluminium profile closed with nylon end caps. bottom rail is non tilting and designed to resist jamming.

size: 6.0x0.28 mm.

standard finish: 25µm clear satin anodised.

guide wires

made from polyamide pa 6 sheathed 316 grade stainless steel wire ø 2.5 mm wire. guided through the punchings of all slat ends, tensioned via stainless steel spring pot in the head rail and sill bracket made from die-cast aluminium or extruded aluminium top hat.

size: 3.2 mm od.

standard finish: highly uv stabilised black pa6 coating.

operation options

motor drive only

raising + lowering the blind and repositioning the slats using an electric motor 230 v/ac. drive with integrated limit stop at the top and the bottom, thermo-protection switch to prevent overheating the motor.

wind tunnel tested

actual wind tunnel tests have shown that vental 80mm blinds, in widths up to 3.5m & fitted close to the window, have withstood gale force peaks of as much as 200 km/h, applied from varying directions, without damage.

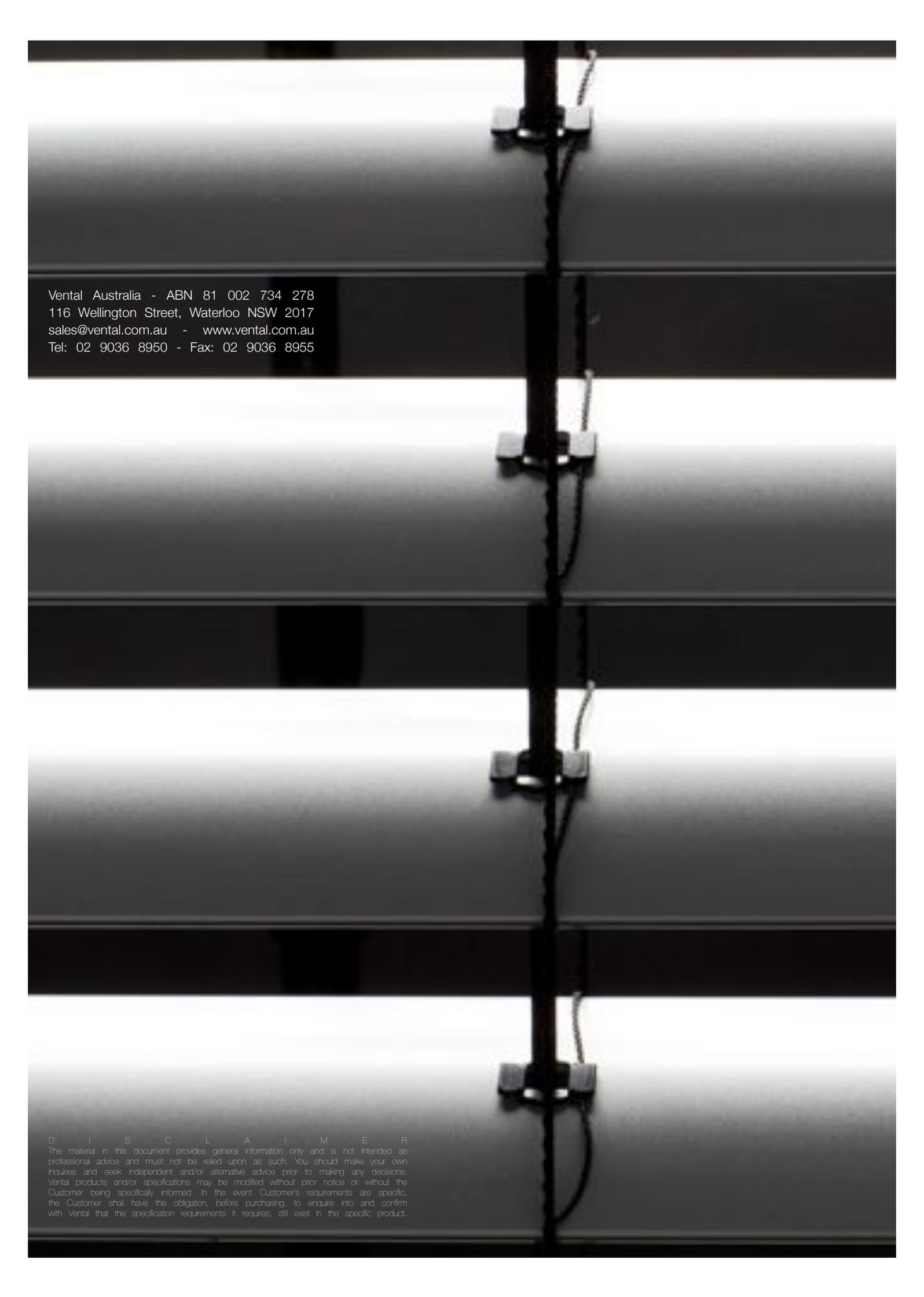


specification & size limits

vental type 80 a2 external venetian blinds

with 80mm wide roll formed aluminium stove enamelled slats. lifting band 6mm wide and ladder cord of kevlar aramid fibre. each slat provided at each end with a thermally welded 2 pin guide wire sleeve. polyamide pa 6 sheathed 316 grade stainless steel wire ø 2.5 mm wire guides are guided through the punchings of the slat ends. bottom rails are 25µm clear satin anodised extruded aluminium. operation by means of proprietary electric motors. the slats can be tilted either way in any dropped position. head channels are clear satin anodised extruded aluminium. all other blind components to be stainless steel, aluminium or uv stabilized nylon.

width	height	area	weight
min. 650mm	min. 1000mm	max. 18m ²	approx. 3.1 kg/m ²
max. 6000mm	max. 5000mm		



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