



5 Year Product Guarantee

OPUS™ is engineered and tested for wind and snow loadings to European standards BS 6399-2:1997 & BS 6399-3:1988 2. Temporary Structures – Tents – Safety BS EN 13782:2005. **Building specific wind & snow loadings along with a Beaufort scale can be found on page 2 of this document.**

5 Year Guarantee Structure

Framework, components and roof sheets are guaranteed for material defects and manufacturing error for the first year, followed by a four year graduated guarantee as set out in the table below.

If a building or its components have been modified, or are being used outside of the working parameters stated in the operations & maintenance manual, then the guarantee will become invalid.

Building damage can occur as a result of installation error, installation should be thoroughly inspected on completion and checked against the installation manual. Errors in installation can result in unknowingly building a weakness into the structure, if structural damage occurs due to installation error then the guarantee will become invalid.

McGregor are committed to the design and manufacture of high-quality products that withstand harsh weather conditions. However, it cannot be guaranteed that a product will maintain its structural integrity beyond the limitations that it is engineered to withstand. If wind or snowfall has been recorded as exceeding the buildings individual rating, this guarantee will not apply, instead, you should contact your insurance company to make a claim.

Year 1	100%	Replacement
Year 2	80%	Discount
Year 3	60%	Discount
Year 4	40%	Discount
Year 5	20%	Discount

Accidental Damage

In the unfortunate case of accidental damage replacement parts can be ordered from the McGregor components catalogue, larger items and framework can be identified from the original parts list or installation manual and ordered by contacting the McGregor sales team.

Claim Guidelines

Any claim against the guarantee should be made within 5 days of the damage occurring, and should be substantiated with photographs. Photographs should include meta data (date & location), and should be taken during this 5 day period, clearly showing details of the damage and general site images showing the building in situ.

If a claim is related to a weather event, such as high winds or snowfall, then McGregor will refer to UK Met Office ClaimCheck data to review recorded weather events over a specified date/ time range to measure the forces exerted on the building.

OPUS Wind & Snow Loadings Table

Building Width	Wind Loading	Snow Loading
8.0 metre (Midi)	700 N/m ²	900 N/m ²
12.0 metre (Max, V-Max)	500 N/m ²	600 N/m ²

The OPUS™ Site Conformance document can be referenced for detailed explanation including point loadings, detail on fixing the steel framework to the precast concrete blocks and general site set-up.

OPUS Midi/ 8 Metre:

Wind Loading: Specified to 700 N/m² (Equivalent to 75.54 mph. Beaufort 12), Snow Loading: Specified to 900 N/m²

OPUS Max & V-Max/ 12 Metre:

Wind Loading: Specified to 500 N/m² (Equivalent to 63.85 mph. Beaufort 10), Snow Loading: Specified to 600 N/m²

Beaufort Wind Force Scale

Beaufort	Equivalent Wind Speed 10m Above Ground - mph	Term	Land Description
0	0 - 1	Calm	Smoke rises vertically
1	1 - 3	Light Air	Direction of wind shown by smoke drift, but not by wind vanes
2	4 - 7	Light Breeze	Wind felt on face; leaves rustle; ordinary vanes moved by wind
3	8 - 12	Gentle Breeze	Leaves and small twigs in constant motion; wind extends light flags
4	13 - 18	Moderate Breeze	Raises dust and loose paper; small branches are moved
5	19 - 24	Fresh Breeze	Small trees in leaf begin to sway; crested wavelets form on inland waters
6	25 - 31	Strong Breeze	Large branches moving; whistling heard in telegraph wires; umbrellas used with difficulty
7	32 - 38	Near Gale	Whole trees in motion; Inconvenience felt when walking against the wind
8	39 - 46	Gale	Breaks twigs of trees; generally impedes progress
9	47 - 54	Strong Gale	Slight structural damage occurs (chimney pots & slates removed)
10	55 - 63	Storm	Seldom experienced inland; trees uprooted; considerable structural damage occurs
11	64 - 72	Violent Storm	Very rarely experienced; wide spread damage
12	73+	Hurricane	Wide spread damage