

WIND RESISTANCE CLASSES



Certifications issued by the Giordano Institute

Most of the models of the awnings in this price list are subject to mandatory CE marking according to UNI EN 13561: 2015.

The awnings subject to this obligation are marked on the page of the price list dedicated to them, with the CE marking and the attestation of the wind resistance class.

Below is the Beaufort table with the corresponding classification according to UNI EN 13561: 2015

WIND RESISTANCE

Value UNI EN 13561	Beaufort scale value	Descriptive term	Average wind speed			Effects of wind on earth
			knots (KT)	m/s	Km/h	
Class 1	4	Moderate wind	11-16	5.5-7.9	20-28	Dust and pieces of paper are raised; the small branches of the trees move.
Class 2	5	Tense wind	17-21	8-10.7	29-38	The shrubs with leaves begin to sway the inland waters ripple.
Class 3	6	Fresh wind	22-27	10.8-13.8	39-49	The big branches also move; umbrellas are difficult to use.
Class 4	7	Strong wind	28-33	13.9-17.1	50-61	The trees begin to sway; it is difficult to walk against the wind.
Class 5	8	Moderate storm	34-40	17.2-20.7	62-74	Branches are detached from trees; it is generally impossible to walk against the wind.
Class 6	9	Strong storm	41-47	20.8-24.4	75-88	Slight structural damage to buildings can occur (falling tiles or chimney lids).