



Crockorz Castles/Events – Wind Speeds

Here at Crockorz Events/Castles, safety is our number one priority. As such, one of our major considerations before carrying out a booking is the weather and, in particular, wind.

As per the ADIPS guidelines, Inflatable companies should take the following into consideration before carrying out a booking when high winds are due:

The speed to remember is 24 miles per hour (38kph).

This is the maximum wind speed in which any inflatable, no matter how many anchor points it has, can be used. However, an inflatable may have a maximum operational wind speed less than this, so you need to check.

A wind meter, often referred to as an anemometer, must be in operation where the inflatable is being used. Wind measurements should be taken at frequent intervals to ensure that wind conditions are okay for the continued operation of the inflatable. Using a weather app or weather forecast is not considered accurate enough as these are not based on local readings. Factors such as trees, buildings, hills and wind-alley conditions on site can influence this in either direction.

Although weather apps can be used to help predict conditions predictions they may only show 'average' wind speeds, so 'gust' and maximum speeds need to be accounted for.

Considering the general broadness of wind speed readings, forecasts cannot take into consideration every factor which could potentially break or muzzle wind speeds. For example, wind speeds are measured from a 10m distance height (<https://www.metoffice.gov.uk/weather/guides/observations/how-we-measure-wind>) and may not fully take into consideration how friction may impact the velocity of which wind speeds are felt in specific places (<http://agron-www.agron.iastate.edu/courses/Agron541/classes/541/lesson04b/4b.3.html#:~:text=high%20pressure%20areas.-,Fig.,the%20synoptic%2Dscale%20and%20larger.>). However, this does not remove all of the danger.

In a situation where wind speeds/gusts of over 24mph are forecast in the UK, Crockorz Castles/Crockorz Events will carry out a full risk assessment before entering a site/property to understand what impact winds may have on the usage of an inflatable. As we do not generally man the equipment, though, the liability falls to our customers to ensure the equipment is being used safely at all times as we can never fully ensure wind will not reach or exceed 24mph at any given point that we are not there. This is certainly true in circumstances where an inflatable has been left with you for more than one day.

As such, by signing this waiver (either in person or over at www.crockorzevents.co.uk/termsandconditions), the customer agrees to regularly monitor the wind using the anemometer to ensure wind speeds do not reach a dangerous point which exceed 24mph or above. We would recommend writing down and recording speeds at regular intervals using the sheet provided below. Furthermore, the customer agrees to inform us if the equipment is

not safe for usage so we can come and recover the equipment so it cannot continue to be used in dangerous conditions.

Crockerz Castles/Crockerz Events agrees to leave you with equipment on the basis that it will be used in line with these rules and in conjunction to our standard terms and conditions/government guidelines.

Customer Signature

Customer Printed Name

Today's Date

Please use the below table to record the wind speed measurements at every 15-minute interval to ensure the wind speed is safe for inflatable usage. In conjunction to this, please also check the following:

- Stakes are still firmly and correctly securing the inflatable to the ground
- The wind is at no points lifting the inflatable
- The weather forecast is not due to get worse than the first forecast earlier in the day

	X.00am/pm	X.15am/pm	X.30am/pm	X.45am/pm
8am				
9am				
10am				
11am				
12pm				
1pm				
2pm				
3pm				
4pm				
5pm				
6pm				
7pm				
8pm				
9pm				
10pm				