

OUTDOOR MEDIAWALL WIND-RESISTANCE CERTIFICATE

FORCES

BASIS:

- Wind Speed: 3.6 m/s = 1 km/h
- Density of the flowing medium: 1.224 kg/m³
- Drag Coefficient: 1 (Safety factor of 1.5; estimated actual drag coefficient of 0.6)
- Friction of Ballast Barrel and ground: 1 [material: rubber-to-asphalt]

Surface Area

6,75m² (64.6ft²)

Total Force (T) [daN]

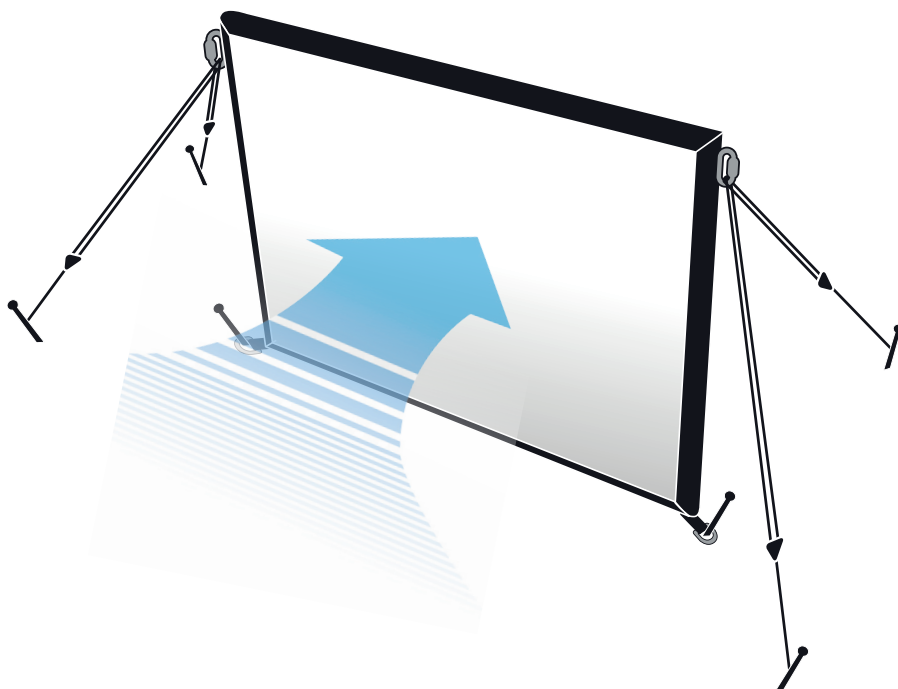
30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)
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with standard-material Wall Print

57,01	101,34	228,03
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with mesh-material Wall Print

38,00	67,56	152,02
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ANCHORING OPTIONS

The chart below shows various anchoring/support options which may be used when setting up the Inflatable Display Wall as well as what wind speeds they are rated to withstand.

Aluminum Supports	Water-Filled Inflatable Support	Water Ballast Barrels (x6)	Tent Pegs (x6)
with standard-material Wall Print			
Wind speeds up to 3 km/h	Wind speeds up to 30 km/h	Wind speeds up to 40 km/h	Wind speeds up to 40 km/h*
with mesh-material Wall Print			
Wind speeds up to 5 km/h	Wind speeds up to 40 km/h	Wind speeds up to 60 km/h	Wind speeds up to 60 km/h*

* This wind speed rating does not apply when the Display Wall is set up and anchored on loose or soft ground surfaces; e.g. sand or mud.



X-GL00 Creative Event Equipment

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Ballast recommendations based on anticipated wind speed and direction.

User note: These recommendations are valid only in cases where the Inflatable Display Wall is properly set up and anchored. Improper setup can also result in damage to the Display Wall and possible injury to people in the surrounding area.

Approval:

Date: 08.09.2015