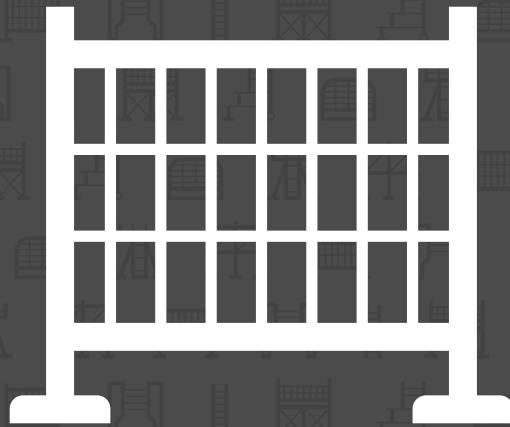


NOISEGARDZ

User Guide



GENERATION
HIRE & SALE

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Altrad Generation

Shaping The Future Of Construction & Industry.



Altrad Generation is one of the largest suppliers of Scaffolding, Temporary Fencing and Access. Also supplying to multiple sectors in Groundworks, Safety, Edge Protection and within Ireland, formwork and falsework.

OUR CUSTOMER PROMISE IS TO DELIVER:

1

BEST QUALITY

We work in partnership with our suppliers to ensure we deliver consistent quality every time. We guarantee that our hire and sales products will meet and conform or exceed all statutory requirements and not let you down.

2

BEST AVAILABILITY

We have the largest available inventory of temporary fencing, water filled and pedestrian barrier products. Our branch network and delivery fleet will ensure that we deliver what you need, when you need it.

3

BEST PARTNERSHIP

We provide a full range of engineering, design and business services to partner and work with our customers. Talk to us today about how we can help you to grow your business.

4

BEST PRICES

We use our position as the largest supplier of scaffolding, fencing and access products to negotiate the best rates for you. We guarantee you will get the best value products and service when you hire or buy from us.

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NoiseGardz



1. Fence Positioning

To maximise performance, ensure fencing is positioned as close to noise source as possible.



2. Fence Installation

Necessary precaution should be taken when installing your fence as the NoiseGardz™ acoustic barriers will increase the wind loading. Additional stabilising methods must be considered where necessary. There are in-ground and on-ground solutions available. You may need to get wind-load calculations made for you by a qualified engineer.



3. Curtain Positioning

It is critical that the NoiseGardz™ acoustic barrier is installed facing the correct way. The acoustic mesh on the rear of the barrier must be facing towards the noise source. Incorrect installations will significantly reduce the acoustic barriers attenuation capacity.

NoiseGardz



4. NoiseGardz™ Installation

Having installed the site fencing correctly, the SOUNDEX™ acoustic barrier can now be secured using fixing kits available from Raven Group or cable ties. Secure the barriers through the eyelets and around the erected structure. Each panel is joined by Velcro strips to ensure a continuous seamless noise barrier and to assist in installation



5. Manual Handling

We recommend two people for installing the NoiseGardz™ acoustic barriers.



6. Your Finished Fence

Installation Visual

NoiseGardz

Storage Guidelines

To maintain the high performance of the acoustic curtains, fold the NoiseGardz barriers over so that the Altrad Generation Hire & Sale design is facing upwards. Continue stacking one barrier on top of another and wrap according to the guidelines below. Remove as much excess water and dirt as possible before transportation or long term storage.

Pallet Guidelines

When stacking on pallets, stack no more than 20 NoiseGardz™ acoustic barriers to maintain stability. Where possible, use straps/rope to secure and shrink wrap the outside of the pallet. Do not fold curtains twice over, this will damage the acoustic material.

Pallet Handling

We do not recommend manual handling of a pallet of NoiseGardz acoustic barriers. Mechanical lifting should be carried out at all times

NoiseGardz

Wind Load Considerations

Wind Loading Consideration for Fencing Panels Fitted With NoiseGardz™ Acoustic Barriers

1. NoiseGardz™ Acoustic curtains should only be used for noise control not general screening
2. When installing a NoiseGardz™ acoustic barrier reference should be made to HSE Document HSG151
3. Risk Assessment
 - 3.1. It is the responsibility of the contractor using the fencing panels to assess the risks involved and to take the appropriate measures
 - 3.2. Examples of Risks (Site specific risks should always be considered)
 - 3.2.1. The effect of wind on the fence panel, which could cause it to blow over
 - 3.3. Examples of Hazards (Site specific hazards should always be considered)
 - 3.3.1. Injury caused by falling panels on passers-by - particularly children - and/or the workforce
 - 3.3.2. Trip hazard of panel feet and braces, both to the public and the workforce working within the panels
 - 3.4. The risks are increased due to the weight of the NoiseGardz™ acoustic barriers involved
 - 3.5. Significantly increased risks with longer runs of NoiseGardz™ acoustic barriers
4. Protective measures
 - 4.1. There are various products on the market that provide cantilever balance to prevent a panel toppling over
 - 4.2. It is recommended that the base is connected to the fence by a diagonal brace as well as by the foot of the upright
 - 4.3. Panels must be securely clamped together
 - 4.4. A long run of panels has the potential to cause a much more serious effect if blown over. A return panel in the site area will contribute to the stability

5. Policy

It is essential that the risk of the fence falling is carefully considered. Pressure on the curtain increases with the square of the speed. The contractor must take full responsibility for the safety of the structure, and in the presence of high winds appropriate additional anchoring methods may need to be taken.

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Disclaimer

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