



## GrassWorx SC Type™ Heavy Duty Acoustic Matting

Technical Data Sheet: SC250™ – 1/4" (nom.) Acoustic Matting

### Application

Floor-ceiling assemblies requiring International Building Code (IBC) standards for IIC and STC

### For use

- under all UL classified cementitious underlayment (gypsum, lightweight and structural concrete)
- with pour depth from 3/4" to 2+"
- as part of wood-joint, concrete and other floor-ceiling assembly systems
- with many standard floor coverings (Luxury Vinyl, Wood, Tile, Carpet and others)
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### Specifications

- Thickness: 0.250" +/- (1/4" nominal)
- Roll width: 3 ft +/- (excluding 2" High-Tack self-adhesive flap overlap)
- Roll length: 83.3 ft +/- (Roll diameter 17" +/-)
- Area covered by roll: 250 sf
- Pallet quantity: 8 rolls individually stretch-wrapped with core tube
- Truckload quantity: 384 rolls (96,000 sf)
- Recycled content: 50% or greater post-industrial (pre-consumer)
- Material of construction: Polyolefin
- Roll weight: 46 lbs +/-

This product is designed for use in UL rated fire systems conforming to IBC code Section 1207 on SOUND TRANSMISSION.

This product achieves at least "Light Commercial" with a 3/4" cementitious gypsum pour on contractor-grade subflooring according to "Robinson" ASTM C627 when modified to 24" OC joist spacing (from 16" standard OC) and using standard 8" ceramic tile.

### Instructions, Notes and Limitations

This product is intended for use as part of a complete floor-ceiling assembly system. Any one component of the system that is improperly selected or installed may negate the acoustic results or fire rating for the entire assembly. Users are recommended to seek consultation with an experienced acoustical consultant and/or engineer for the proper design, component material selection and construction techniques to achieve optimal acoustical performance and UL fire rating with the product.

- Not for use outdoors
- Not for use as a flooring wear surface
- Store in dry conditions. Limit UV exposure to less than 180 days. Do not install if wet
- Not for use if exposed to moisture during service life
- Not for use in the mitigation of moisture or water migration
- Install with building interior temperatures above 50F

- Allow the product to normalize to the building environment. Typical wait times for temperature normalization are 8 hours in roll form and 30 minutes when rolled out flat

**Installation**

- The subfloor should be structurally sound, flat, dry, clean of debris, and without any holes. Subfloor joints must have tongue and groove edges when used under the product. The entire floor-ceiling assembly should meet standard L/360 or L/240 maximum deflection or as specified by building codes and/or other material suppliers.
- The product should be loose-laid on the subfloor with the fabric side up and cylinders down.
- Neither staples, nails, screws, adhesive nor any other fastener may be used to affix the product to any portion of the building, including the subfloor.
- Approximately ¼” of gap should be left on all perimeter edges of the product and around floor penetrations for proper isolation from the building structure.
- All perimeter walls and utility penetrations that meet the cementitious slab should be covered with perimeter foam for proper isolation from the building structure.
- All perimeter edges (including utilities) as well as field joints should be sealed with tape to ensure the wet cementitious pour does not bridge to the building structure. ShurTape CP106 or equivalent with similar ASTM D6123 results is suggested.
- For convenience, the product comes with a factory applied self-adhesive flap along one edge of the roll.
- Apply firm pressure down the length of adhesive seams for the strongest bond.
- Primers are not required with the product unless otherwise specified by the cement underlayment manufacturer for use with acoustic matting.
- Once the cement slab is dried and/or cured, all perimeter foam should be cut flush with the top surface of the cementitious underlayment.
- When baseboards are installed, they should be shimmed to 1/8” off the cementitious floor and caulked with acoustic sealant.

Contact your representative for ASTM E492 and ASTM E90 acoustic test results on many UL rated floor-ceiling assemblies. Robinson ASTM C627 flooring durability tests are also available.

Submittal Approvals	Name	Date
Project		
Architect		
Contractor		

**Limited Warranty:** GrassWorx warrants for a period of twelve (12) months from purchase that the product is free from defects in material and workmanship (the “Limited Warranty”). Without limiting the limitation of the foregoing, the Limited Warranty excludes damages due to (i) failure to store, use or install the product in accordance with the above instructions, (ii) cracking of underlayment, flooring materials or the non-performance of other system components, or other failure in the system design, (iii) use of the product other than its intended purpose and normal usage, (iv) shipment of the product, or (v) the product not being properly installed by a qualified contractor experienced in installing the product. Any claim under the Limited Warranty must be made within twelve (12) months from the date of purchase. The Limited Warranty is made IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE and in consideration for the express Limited Warranty, BUYER EXPRESSLY WAIVES ANY RIGHT TO CLAIM OTHER WARRANTIES, EXPRESS AND IMPLIED. GrassWorx’s sole obligation, and the buyer’s exclusive remedy, with respect to any product, whether arising in contract, tort (including negligence), strict liability, breach of warranty or otherwise, is limited to GrassWorx, at its sole discretion, replacing or repairing the defective product or issuing the buyer a credit equal to the price paid to GrassWorx for such defective product, and in no event will GrassWorx’s liability exceed the amounts actually received by GrassWorx for the product. GrassWorx shall not be liable for special, punitive, incidental or consequential damages, directly or indirectly sustained (even if seller has been notified of the possibility of such damages) arising from or related to the product, including, without limitation, any loss of profits or loss of opportunity, all of which are waived by the buyer.

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