

ENKASONIC® 250 A

ACOUSTICS SUBFLOOR SOLUTIONS

EnkaSonic® products have been used for decades in subfloor systems as a medium to address sound control problems caused by airborne and impact noise for building floor systems.

Our products combine Enka® technologies along with other nonwoven technologies to provide proven performance in the construction industry resulting in superior installer-friendly products. Our product range can be customized to meet any requirements or building codes. Our 3D composite design is ideal for subfloor sound control that addresses impact noise or noise that leaks around the floor at the wall or under the floor/ceiling assembly. The product core is made of polypropylene and fabric attachments are de-signed with polypropylene and polyester. Our product offerings are available to match any competitive products in the marketplace.

Application

- Multi-Family And Multi-Level commercial constructions
- Used under gypsum, concrete, mortar beds, cement backer board or plywood
- With many types of finished floors such as
 - Laminate Flooring
 - Tile or Stone
 - Engineered Wood Flooring
 - Sheet Vinyl
 - Luxury Vinyl Tile (LVT)

Benefits and features

- Versatile applications used in most subfloor assemblies for both new and renovation
- Easy to handle: lightweight and easy to cut for quick installation.
- UL Certified in over 100 'one & two hour fire rated assemblies'
- Custom characteristics and technical properties to meet any requirement
- Proven performance as used in thousands of residential buildings and high profile commercial projects (i.e., Coca-Cola Headquarters, CBS Studios, and MGM Grand Hotel)
- Used on a variety of subfloors to achieve an STC level of 60+
- Designed to benefit subfloor systems by helping achieve an IIC level of 50+



| OPEN WEB TRUSS ASSEMBLY | | | | | | IIC | STC | UL |
|-------------------------|------------|-------------------------|-------------------|-------------------|----------------|-----|-----|--|
| STRUCTURE DEPTH | INSULATION | RESILIENT CHANNEL USAGE | CEILING THICKNESS | GYPSUM POUR DEPTH | FLOOR COVERING | | | |
| Open Web Truss | Yes | Yes | 1 layer (5/8") | 1" | Bare | 51 | 61 | L528, L529, L542, L563, L754, L576, L577, L579, L583, L592, M508, L534, L546, L558, L562, L574, L585, M503 |

| ROBINSON WHEEL ACOUSTIC BTP TESTING — PER ASTM C627 | | | | | | | |
|---|-------|-------------|-------------|-------------|-------------|-------------|-------------|
| ENKASONIC® | 125 | 250 | 250+ | 400 | 400+ | 750 | 750+ |
| TCNA rating | Light | Extra heavy | Extra heavy | Extra heavy | Extra heavy | Extra heavy | Extra heavy |

| PHYSICAL PROPERTIES | | | | | | | | |
|----------------------------|------------------------|-------------------|------------|-----------------------------|------------------------|-----------------------------|----------------------------|----------|
| NOMINAL THICKNESS (inches) | NOMINAL THICKNESS (mm) | NUMBER OF FABRICS | CORE COLOR | NOMINAL CORE WIDTH (inches) | NOMINAL CORE WIDTH (m) | WEIGHT (oz/d ²) | WEIGHT (g/m ²) | CORE |
| 0.25 | 6 | 1 | Natural | 39 | 1 | 13.7 | 464 | U Groove |

| PACKAGING | | | | |
|-------------------|--|------------------|---|----------------------|
| *ROLL LENGTH (ft) | *ROLL AREA PER ROLL (ft ²) | ROLLS PER PALLET | *TOTAL AREA PER PALLET (ft ²) | PALLET SIZE (inches) |
| 145 | 471 | 8 (4 x 2) | 3,770 | 48" x 48" |

Availability

Please contact your nearest Sales Office for details.

© 2018-2022 Freudenberg. All information contained in this document corresponds to our current knowledge and assumptions and is granted without guarantee or representation of being exhaustive or correct. It is offered only to provide possible suggestions for your own internal evaluation, and shall not substitute for any assessment you may need to conduct to determine for yourself the suitability of the information for your particular purposes. This information may be subject to revision. Freudenberg assumes no liability or responsibility for completeness or accuracy of information contained herein. The product brands marked ® are registered trademarks of companies that are part of Freudenberg Performance Materials in several countries.

Freudenberg Performance Materials · USA · PO Box 1057, 1301 Sand Hill Road, Enka, NC, 28728 · T +1 800 365 7391