

# Technical Data

## Commercial Acoustics Floor Blokker™



Commercial Acoustics Floor Blokker is a highly engineered sound-damping underlayment that is designed for premium acoustical performance, to create quieter living or working spaces throughout an entire location. The Floor Blokker provides the most cost-effective way to meet the Building Code requirement of STC/IIC 50 on a number of wood and concrete assemblies.

**Delta IIC  
of 26**

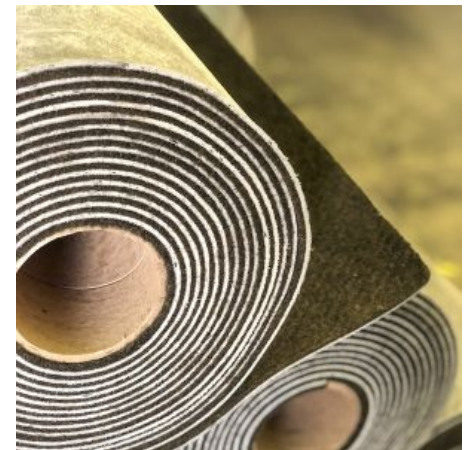
For General Contractors, Designers, and Architects, Commercial Acoustics Floor Blokker is designed to effectively dampen both impact and airborne noise

Easily installs underneath the following flooring types – individual installation instructions available:

- ✓ Engineered Hardwood
- ✓ Hardwood
- ✓ Carpet
- ✓ Laminate
- ✓ LVP/LVT (Recommend 5mm or Thicker)

Uses Include:

- ✓ Commercial & Residential
- ✓ Multi-family
- ✓ Hotels
- ✓ Music Studios
- ✓ Movie Theaters



Commercial Acoustics Floor Blokker is a 3-in-1 barrier for sound, moisture and air. Allowing you to build quieter structures with less material and labor, while also increasing HVAC efficiency and mold and mildew prevention. Commercial Acoustics Floor Blokker is a post-industrial recycled product, and is 100% recyclable at end-of-life.

Flooring Type	Assembly (Additional Tests Available) – All Tests Include Floor Blokker	IIC	STC
<b>Tile</b>	Ceramic tile on 6" concrete slab	51	53
<b>Tile</b>	Ceramic on wood joist with 1.5" thick gypsum concrete topping	55	50
<b>Tile</b>	Ceramic tile on 6" concrete concrete slab with Ceiling Assembly	58	57
<b>Hardwood</b>	½" Engineered hardwood on wood joist with 1.5" thick gypsum concrete	55	54
<b>Laminate</b>	Laminate Flooring on 8" concrete slab with Ceiling Assembly	58	58
<b>LVT</b>	LVT on 6" concrete slab with Ceiling Assembly	70	60
<b>LVT</b>	LVT on 6" concrete slab	56	50
<b>LVT</b>	LVT on 18" Open Web Truss with Ceiling Assembly	53	62

Tested and approved for use in all floor designs of the L500 series.



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## Product Specifications

EVA= Ethylene Vinyl Acetate  
+ Polyester Scrim Layer

- Made from Post-Industrial Recycled Automotive Products
- 1/4" Thick (6mm) Nominal
- 3/16" Thick Compressed
- 0.7 lb/sf EVA Layer
- Non PVC (no ozone depleting gases)
- Sustainable: 100% Fully recyclable at end of life
- Mold and mildew resistant
- 3-in-1 barrier (sound, moisture & air)
- Easy to install- Reduces cost



## Features / Benefits

- Reduces airborne and impact noise by 75%
- Build quieter structures with less material and labor
- Air and moisture barrier for HVAC efficiency and mold and mildew prevention

## Installation

- Black, EVA side up for Glue Down Applications (Laminate, Vinyl, Hardwood)
- Brown, Scrim side up for hard surface flooring (Floated Floors)
- Detailed Installation Instructions available for each assembly

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## Installation Instructions

1. Place Floor Blokker with the black EVA (vinyl) side in accordance with the flooring used:
  - a. Floating Floors: Black EVA side down
  - b. Glue Down LVT or Glue Down Hardwood: Black EVA side up
  - c. Carpet Flooring: Black EVA side up
2. Place edge to edge multiple pieces of Floor Blokker to complete the coverage of the room being treated.
3. Add desired flooring on top of Floor Blokker as per recommended installation techniques.
  - a. Carpet layers can go directly on top
  - b. Wood floors can be nailed directly on top
  - c. Laminate floors can be floated directly on top

**IMPORTANT NOTE:** Not designed for use under ceramic or porcelain tile. Recommend use of LVT 5mm or thicker. For LVT thinner than 5mm, consider a test specimen to ensure adequate LVT stiffness and adhesion.

Please contact Commercial Acoustics for Appendix A list of compatible adhesives.

Please See Product Page for Most Up To Date Data Sheet:  
<https://commercial-acoustics.com/product/floor-blokker/>

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