



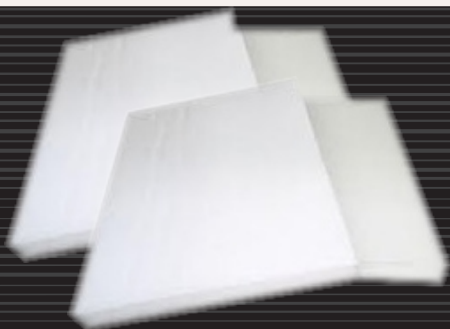
## The Effective Airborne Sound Barrier

Star Absorb is the environmentally responsible, single-solution substrates. Whether you need excellent acoustical performance, tackability, impact resistance, a product free from VOCs, one with a high post-consumer recycled content or all of the above.

Star Absorb is a revolutionary new insulation made from 100% synthetic (polyester) fiber with upto a 60% post consumer content (recycled plastic beverage containers), which is itself 100% recyclable.

Star Absorb is semi-rigid substrates. It is impact resistant and tackable while retaining excellent acoustical properties for wall and ceiling applications. In addition, it is free of volatile organic compounds (VOCs) like formaldehyde. Further, Star Absorb is antimicrobial and non-hygroscopic.

Star Absorb can be used as an acoustical insulation, a thermal insulation, a attackable surface, a high-impact surface, and as a substrate beneath fabric coverings or for all five reasons at the same time, it is a truly the single solution substrate.



STAR ABSORB CAN ALSO BE A USED  
AS A PRE-MADE ACOUSTICAL AND  
TACKABLE PANELS, MODULAR PANEL  
SYSTEMS. AS WELL AS CEILING  
TILES, DAFFLES, CLOUD DIFFUSERS,  
AND AS FLOORING UNDERLAYMENT.

ENVIRONMENTALLY FRIENDLY MULTI-PURPOSE INSULATION



### STAR COMFORT INDUSTRIES

# 524/661/A, B.M. Shankarappa Estate,  
Behind Reliance Petrol Bunk,  
Sunkadakatte, Magadi Road,  
**BANGALORE - 560 091.**

Tel : 080 2358 8187  
Fax : 080 2328 6086  
E-mail : [starwadding@gmail.com](mailto:starwadding@gmail.com)  
Website : [www.polywadding.com](http://www.polywadding.com)  
[www.staracousticwadding.com](http://www.staracousticwadding.com)

**V.S. Sudarshan** - +91 99452 75995  
**K.N. Gopal Krishna** - +91 98453 39005



## PRODUCT NAME - STAR AbsorB

### Specification

THICKNESS	GSM	SIZE	COLOUR	FORM
25 MM	500	as per request	WHITE	SLAB / ROLL
25 MM	1000	as per request	WHITE	SLAB / ROLL
50 MM	500	as per request	WHITE	SLAB / ROLL
50 MM	1000	as per request	WHITE	SLAB / ROLL
50 MM	1500	as per request	WHITE	SLAB / ROLL
50 MM	2000	as per request	WHITE	SLAB / ROLL

## PRODUCT DESCRIPTION

### Basic Use

Star AbsorB is a white synthetic (polyester fiber) insulation used for acoustical control, specially in dry wall instead of glasswool and to provide a high-impact tackable panel, wall surface and for the thermal insulation.

### Benefits

It resists Bacterial and fungal growth, is non toxic and non-allergenic, it will not rot, deteriorate or change color over time. The product can be easily fabricated on the job site using standard tools.

### Composition & Materials

Star AbsorB is manufactured from 100% synthetic (polyester) fibers thermo-bonded together to achieve the desired thickness and density. It has a 60% post consumer content (recycled plastic beverage containers). It is itself 100% recyclable or alternatively it can be safely destroyed by incineration.

### Limitations

Star AbsorB should be kept clean and dry at all times.

## INSTALLATION

Star AbsorB : Multi-purpose insulation is applied directly to drywall, concrete, CMU or other ASTM E 84, Class A I material. Star AbsorB can be cut installed using a standard tools.

## TECHNICAL DATA

APPLICABLE STANDARDS	FIRE RESISTANT	PHYSICAL / CHEMICAL PROPERTIES
<ul style="list-style-type: none"><li>● BOCA, ICBO, SBCCI, CABO, ICC</li></ul>	<ul style="list-style-type: none"><li>● ASTM D635, IS 8225 / ISO:354 Maximum Flame spread index 15 mm -- 15, 25 mm -- 10, 50 mm -- 5 Maximum Smoke Developed Index 15 mm - 200, 25 mm -- 180, 50 mm -- 160</li></ul>	<ul style="list-style-type: none"><li>● Acoustical Performance ASTM C423</li><li>● Thermal Performance IS:3346-1980 15 mm--2.10, 25 mm--3.59, 50 mm--4.10</li><li>● Water vapor sorption &lt;0.4% by weight -- Non-hygroscopic</li><li>● Weather Resistance No change in appearance.</li><li>● ATM C 1338--08--Standard Test Method for determining Fungi Resistance of insulation materials and Facings. Passed with no fungal growth found on all replicates at 40X Magnification after 4 weeks of incubation.</li></ul>