

SPECIALIZED FOAMS FOR

# Acoustics and FST\* applications

**Our high-performance, lightweight polyurethane (PU) foam**, a type of porous absorber, serve as effective sound barrier while meeting UL 94 self-extinguishing fire safety standards. Available in multiple thicknesses, they efficiently absorb low, mid, and high-frequency sound energy, ensuring broad-spectrum acoustic performance. As porous absorbers, they dissipate sound energy by friction within their interconnected cell structure, making them ideal for controlling reverberation and reducing noise levels.

A flame-retardant TPU-laminated option is also available, offering a cleanable surface without compromising fire or acoustic efficiency.

## MAJOR APPLICATIONS

Canopy for DG Sets and Air Compressors

Theatre, Auditoriums and Indoor Stadiums

Broadcasting and Recording Studios, Commentary Rooms

Automobile Industry

Industrial Silencers

Acoustic Enclosures

Engine Testing Rooms

Floor Noise Reduction

## CHARACTERISTICS

Noise Absorption

Sound Damping

Flame Retardant

Thermal Insulation + Noise Absorption  
+ Flame Retardant [Triple Effect when  
Laminated with Aluminum Foil]

Cost-effective

Requires less space

Easy to handle

Convenient to mount

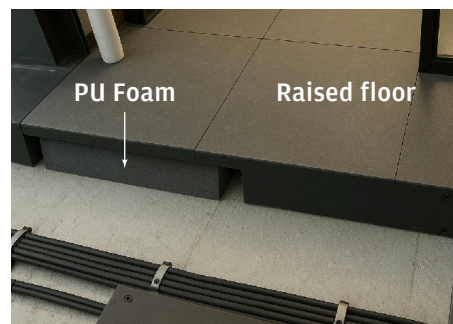
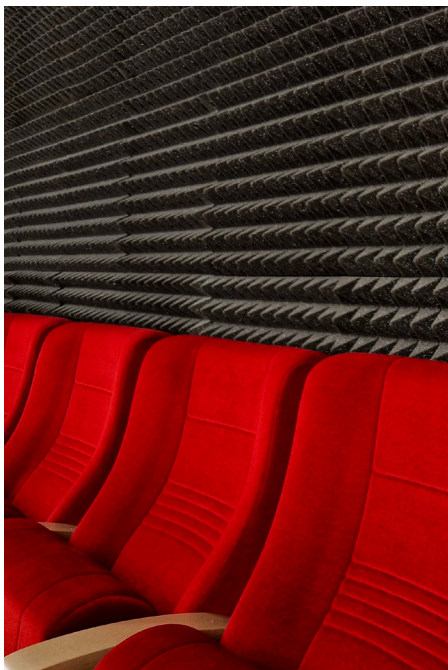
Saves time, labour and money

Hassle-free

Long life

Non-carcinogenic material

\*Flame, Smoke & Toxicity



## GRADES & SPECIFICATIONS

### FOAM GRADES

28DFR UL-94HF1

46DFR UL-94HF1

60DFR UL-94HF1

SILENTECH UL-94HF1

EN 45545 HL3 compliant foams in 65 D and 95 D

### VALUE ADDITIONS

Foam in profile forms like egg, pyramid, and wedge

Foam with laminated fabric

Cut-to-size foam in kit form

Foam with Adhesive Release Paper

Foam with Acoustic Composite Materials

## ABOUT SHEELA FOAM

Sheela Group is a \$500 million entity with footprints in India, Australia & Spain.

India's No.1 PU foam manufacturer with 30% Slabstock market share and exporting to 18 countries.

India's largest mattress producer – 1.5 million units per annum

Operates 17 facilities in India

Produces 60,000 tonnes of PU foam per annum

Dedicated R&D Lab

Pioneers of eco-friendly Variable Pressure Foaming (VPF) technology

110+ distributors, 5,000+ dealers, 80,000 upholsterers' network.

Trusted by leading brands in Footwear, Automotive, Railways, Apparel, Furniture and Mattress industry.

### Indian brands



PU foam comes with FST properties, meeting the following standards:  
EN 45545 HL3, BS 5852,  
UL 94 HF1 and V0, FMVSS  
302, Cal. 117, ASTM  
E84 & BS 476 (Part 6)