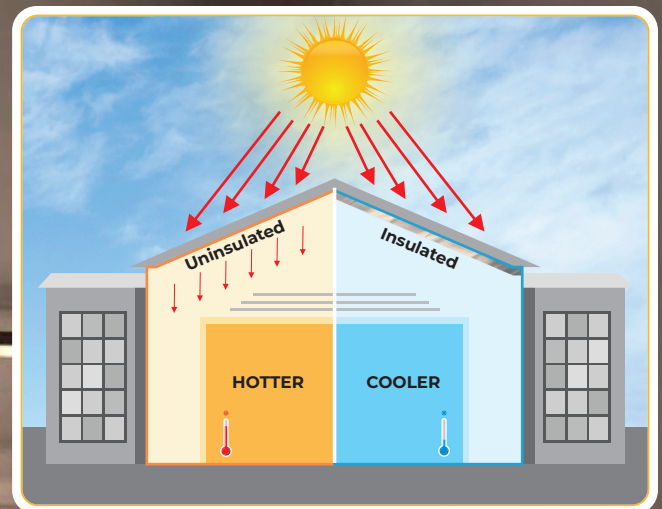




ELASTOUNDERDECK™



UNDERDECK INSULATION WITH UNIQUE INTERLOCKING

Suitable for Concrete Roofing

ADVANTAGES

- ◆ Unique interlocking design
- ◆ Smooth surface
- ◆ Durable & erosion-resistant
- ◆ Easy to apply
- ◆ Fibre, CFC and HCFC free
- ◆ Excellent aesthetics

CERTIFICATIONS



PRODUCT DESCRIPTION

Elasto UnderDeck is a closed cell elastomeric NBR foam laminated one side with alu foil. It has 50mm overlap with self adhesive strip along one side edge, which helps to interlock with adjacent sheet, without any air gap. This provides perfect sealing minimizes wastages and better aesthetics. It reduces 95% of radiant heat, minimizes condensation and reduces noise transmission.

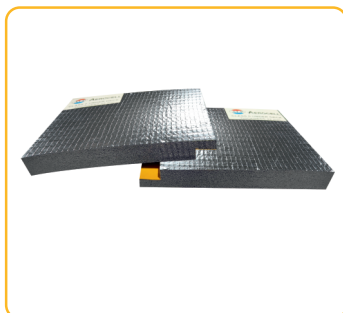
Applications

RCC Construction: Commercial spaces, Factories, Hangers, Warehouse

Roof-Non Steel Construction: Residential Buildings Applied underdeck by using ALP Aerostick adhesive.

TECHNICAL DETAILS

PROPERTIES		UNIT	VALUE	STANDARD
Material		NBR Foam laminated on one side with highly reflective aluminum foil		
Nominal thickness		mm	22 (± 1mm)	
Sheet Size		m	1.2 x 2.4	
Foam Density		kg/m ³	50 - 80	ASTMD1056
Service Temperature		°C	-40 to +105	
Emissivity		%	<12	ASTM C1371
Reflectivity		%	>88	ASTM C1371/ E903
Thermal Conductivity (K value)	10 °C	W/mK	≤0.035	ASTM C518
	20 °C	W/mK	≤0.036	ASTM C518
	40 °C	W/mK	≤0.038	ASTM C518
Water vapor diffusion resistance index			≥12000	ASTM E-96
Fire Classification			Class 0	BS 476 Part 6 & 7
Rate of Burning			HB	UL 94
Practical Fire Behavior			Self-Extinguishing, doesn't drip & doesn't spread flames	ASTM D635
Ozone Depleting substances (CFC/HCFC)			Not detected	
Formaldehyde - Cd-Hg			Not detected	
Fungal resistance test			No growth	ASTM G21
Closed Cell		%	>90	
Odour			Negligible	
Thermal Resistance @ 20 °C		M ² K/W	0.242	ASTM C423/ ISO354
Bleeding & Delamination Test			Pass	ASTM C1224



**DOWNLOAD
CATALOGUE**



Note: Special thickness is available on request.

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Disclaimer: Although these values represent actual results achieved in tests, they should only be used as a guide. ALP Aeroflex cannot guarantee the performance of the product as all situations are different & should be treated separately. All statements & Technical informations are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the informations are appropriate for specific use intended by the recipient.