



Paramount Oxide Acetate Foam

For hot and cold chilled water piping,
HVAC ducting, Glass Spandrel and
under deck RCC & Metallic Roofing

A perfect blend that has the
mechanical strength of XLPE and
the softness of Nitrile Rubber

Salient features of Paramount Oxide Acetate Foam

- It is non-sensitive to vapor and offers excellent resistance to chemicals, insects, bacteria and rodents.
- It is an Ultra-thin and flexible material that can be very easily cut into pieces by scissors or knife.
- Absolutely environment-friendly product and UV resistant.
- It has excellent life-long thermal performance, high compressive strength, closed cell structure, and no water absorption.

Applications

- Air-Conditioning (HVAC)
- Duct insulation (For Outer Insulation and Internal Lining)
- Chilled water and Hot water pipework
- Under-deck Insulation
- Floor and Wall Insulation
- Glass façade Spandrel Insulation
- Underlay Flooring

Oxide Acetate is a crosslinked closed-cell foam used for thermal insulation in HVAC Ducting, chilled water piping, under deck in RCC & metallic roofing, etc. It is a unique material made using Paramount's in-house foam technology. The principal functionality of the product is to block heat transfer. It offers the flexibility of Nitrile Rubber and the mechanical strength of XPE foam and combines the advantages of both products. It is UV-resistant and has class 0 fire properties as per BS 476 part 6 and passes the smoke and toxicity behaviour test as per IMO MSC 307(88) Annex 1: Part 2.

It is also available with factory-laminated pure aluminium foil to give higher mechanical strength to the product. Ideal for both cold and warm conditions ranging between -40°C to $+100^{\circ}\text{C}$, it also provides moisture resistance, shock absorption, sound-absorbing properties, chemical resistivity and smooth surface.



Resistant Vapor Barrier



Sound Absorption



Environment Friendly



100% Mold & Mildew Proof



Impact Resistant



TECHINCAL DETAILS - CROSS LINKED CLOSED CELL OXIDE ACETATE FOAM

	Properties	Standard	Technical Details
1.	Material		Oxide Acetate Foam
2.	Cell Structure		Closed cell, Crossed Linked, Stress Crack Resistant
3.	Physical Appearance		Soft, Flexible & Glossy
4.	Density		30 ± 3 kg/m3
5.	Fire Test a) Surface Spread of Flame b) Fire Propagation Index	BS 476 Part 7 BS 476 Part 6	Class 1 Class O
6.	Color		Black
7.	Service Temperature Range	Using Climate Chamber	-40° C to 100° C
8.	Ultra Violet Rays Impact		Negative, Bare Foam is UV Resistant
9.	Thermal Conductivity	IS 3346/1980	0.032 W/MK at 23° C
10.	Smoke & Toxicity Index	IMO MSC 307(88) 2010- AN 1, PT 2	Passed
11.	Fungal Resistant	ASTM G-21	Negative (No growth observed)
12.	Bacteria Resistance	ASTM G-22	Negative (No growth observed)
13.	Mold Growth	IS 3144:1992	Negative (No growth observed)
14.	Water absorption	JIS K6767 - 1999	0.0008 g/cm ²
15.	CFC/HCFC	US EPA 5021 A (2014)	Free
16.	RoHS Restriction of (the use of certain) Hazardous Substances	Lead, Cadmium, Mercury, Hexavalent Chromium, PBB, PBDE, DEHP, BBP, DBP and DIBP	Passed



Thermal Insulation



Acoustic Insulation



Energy Efficient

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