



ISOLPAK ALU















Isolpak ALU / ALU WHITE / BLACK UV

The innovation for outdoor applications

Isolpak ALU is an innovative insulation jacketing for outdoor use. Isolpak ALU is the consistent further development of PVC Isolpak the undisputed market leader in Italy among the plastic insulation covering. The meanwhile proven multilayer construction provides unprecedented features in technology and efficiency.





The key success factors of Isogenopak and Isolpak like the easy installation and machine free handling were combined with new high technological foil and were further developed and improved to an economic alternative to current real metal jacketing systems.

ALUMINIUM OPTIC

Isolpak ALU combines the technical advantages of plastic and aluminum, but is an inexpensive alternative to real aluminum sheets.

Even strong deformations represent no problem for the film as it returns to the starting position. Dents and bruises are a thing of the past. Especially on project sites where artisans still have to finish other work you can be sure that your Isolpak ALU installations still look great after a few weeks.

NEW POSSIBILITIES

Due to the highly UV-protective film Isolpak ALU has an advantage also in difficult environments such as on the roof for solar collector pipes, etc.

DURABILITY

The high chemical resistance combined with low thermal conductivity ensures that the long-term investment pays off.



International building projects have different product requirements. TTM completes the system with a white and black version, all project types and colors.



Jacketing Isolpak ALU

Perfect appearance coupled with economic benefits

Isolpak ALU differs particularly by its metallic appearance to other PVC sheath-hings. Especially thanks to the intermediate layer of pure aluminum. A layer of an extremely durable UV-protective film protects the middle layer of aluminum from harmful external influences and corrosion, this guarantees functionality and appearance in the long run.





Dents and indentations are a thing of the past. The memory effect makes the great advantage on the installation, even after months of construction it will be still in top condition.

The curling effect completes a perfect, clean and fast installation.

Also, larger pipe diameter can be coated with Isolpak ALU, for those though we recommend thicker versions up to 0.45 mm which then are also a bit stiffer in the construction.

Isolpak ALU - the complete system

Accessories:

- Isolpak ALU 90° and 45° elbows [S, W, 3S]
- T-sections
- Adhesive tapes [UV-ALU & Butyl]
- Nails and PVC staples









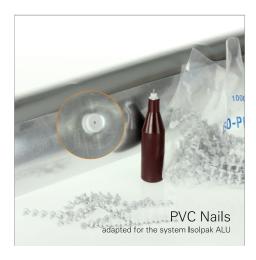


Accessories

Jacketing Isolpak ALU

Unbeatable advantages, low material cost, ease of Material preparation and fast installation

Costs and resources are becoming increasingly expensive, Isolpak ALU is more favorable and less volatile than metals and metal sheets and can be simply fastened with rivets and special UV-protection tapes.



Large fluctuations in the metals prices have always resulted to uncertainty when calculating the project prices. Different thicknesses need to be stored and are then on stock. Not so with Isolpak ALU, one or maximum two thicknesses are enough for almost all standard pipe diameters. A supply chain optimum can be quaranteed.

For the application it does not require expensive equipment and trained staff. A matching cutting table and the necessary tools and you can start immediately.

The easy and quick processing of Isolpak ALU allows daily a high meter output.

The standard rolls of 1000mm x 25m only weigh about 12.5 kg and can be easily carried anywhere and cut at the sight.

A sign for the environment, hygiene and safety

- Ÿ Isolpak ALU does not use any heavy metals
- Ÿ Free of ozone-depleting CFC and HCFC compounds
- The material is almost [<0.5%] completely free of plasticizers
- Ÿ Free of silicones
- Ÿ Isolpak ALU can be used without any restriction in food processing plants

During the processing of Isopak ALU, only litt waste is produced, the portions of the material can be mostly re-used. A sign for the environment, hygiene and safety.





Value	Unit	Test method
200, 230, 280, 340, 450	mμ	
> 285	N/15mm	EN ISO 527-3
35	%	EN ISO 527-3
110	N	prEN 14 477
B1	on request	D I N 4102
≥400	kJ/m²	ISO 8256
> 35	N/mm²	ISO 527
ca. 1600		
35	% O ₂	ASTM D 2863-77
	200, 230, 280, 340 , 450 > 285 35 110 B1 ≥ 400 > 35 ca. 1600	200, 230, 280, 340 , 450 mµ > 285 N/15mm 35 % 110 N B1 on request ≥ 400 kJ/m² > 35 N/mm² ca. 1600

Jacketing Isolpak ALU

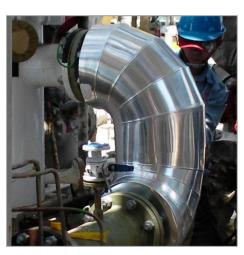
References all over the world

The ISOLPAK ALU system is now almost 15 years on the market since it's development. Millions of square meter successfully installed in every part of this world.



















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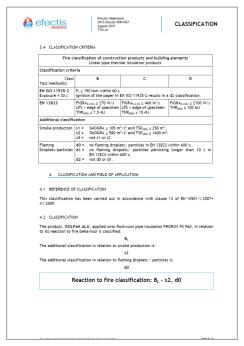
The innovation for outdoor applications

Certifications

TTM tested since more then 10 years the ISOLPAK ALU systems versus different national fire regulations with very positive outcome.

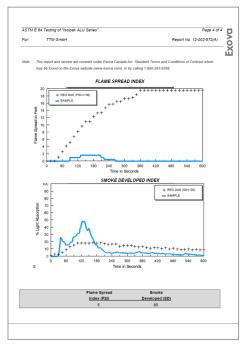
FIRE RATING EN 13501

EN ISO 13501-1: B S₂ D₀



FIRE RATING ASTM E 84

ASTM 85 _ 5 / 85



Innovative



Extreme JV protection



Outdoor application



Great value for money

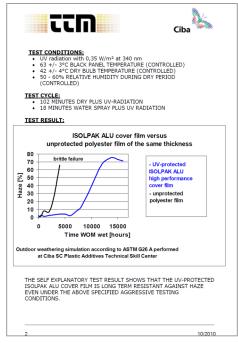


Accessories



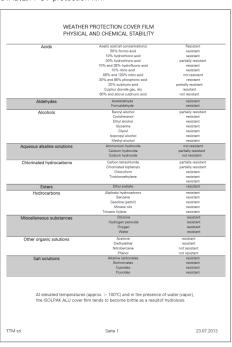
UV OUTDOOR RESISTANCE

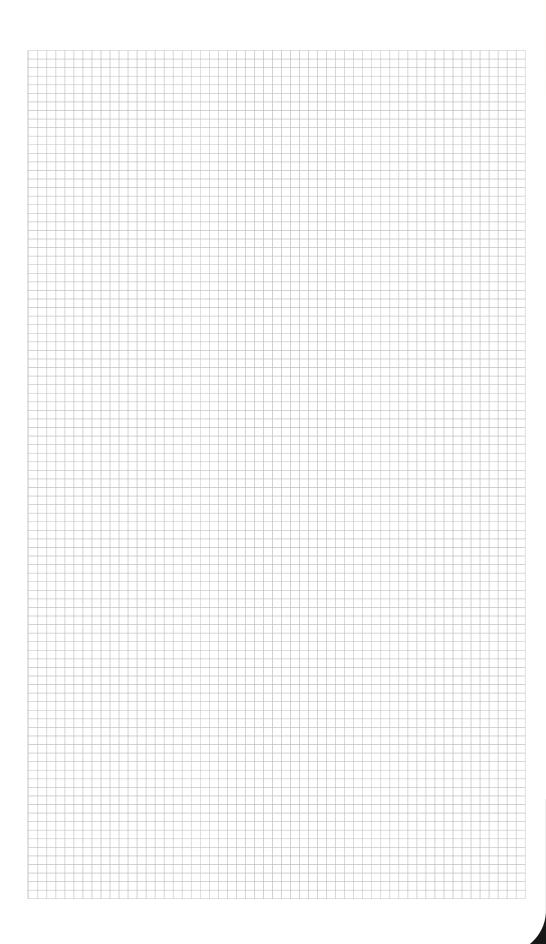
ASTM G26 A: >10.000h = > 10 Years



PHYSICAL AND CHEMICAL

STABILITY UV protection film







Innovative



Extreme UV protection



Normal protection



Recyclable



Outdoor application



Great value for money



Accessories



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