



Environmental declaration for ISOTOP PVC forms

Danmat Iso Systems Registration number: 81636419
January 2013

Producer

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Products

Vacuum formed PVC Forms.

Application: ISOTOP Elbows and tees are used for encapsulation and protection of pipes insulated with mineral wool, elastomeric or other insulation materials. ISOTOP elbows and tees installed on the insulation, is the last layer, and finish of the pipe insulation.

Lifespan: PVC ISOTOP forms is estimated to have a lifespan of 80 years.

Market description: The ISOTOP products is available in the whole EU + (N) (RUS)



Producing process

All ISOTOP products is manufactured at Danmat Iso Systems factory, located in: Roskildevej 23 in Ølstykke, Denmark.

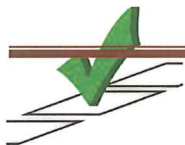
Raw material film is heated, pulled over a mold and cooled again. The cooled form is adjusted to the wanted shape. Parts and waste from the manufacturing process, is crushed in the mill and recycled 100 %

Technical data (raw-material)

Product:	Rigid PVC foil with excellent thermo formability
Technical quality:	Non food industrial foil
Characteristics:	Good thermo formability. Improved cold resistance
Color:	Standard grey 9139 other colors are possible. White, Black
Density:	1,39 – 1,44 g/cm ³ (DIN 53479)
Thickness tolerances:	5-7% depending on Thickness
Expansion do to heat:	-10-12% (DIN 53377) 140 dgC. /10 min.
Storage:	Under 30 dg C. Humidity 50-60% rh.

ISOTOP lifecycles

PVC raw material consists a newly produced PCV which include waste from our ISOTOP production. ISOTOP products are produced and cut. Waste are crushed and returned to raw-material manufacturer. The finished ISOTOPE products are typically used to protect pipe insulation for technical installations. Life of these installations can be from 40-80 years. After use ISOTOP products can be disposed as ordinary construction PVC waste. Land filling should be avoided. ISOTOP products can be recycled as other PVC waste.



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Dangerous substances

ISOTOP foams makes no airborne, or other substances into the environment

Transportation

Raw materials from the supplier are usually transported by truck. Finished goods and waste products are transported from the factory in Ølstykke by truck.

Internal- and labour environment at Danmat Iso Systems

An important part of the environmental policy at Danmat Iso Systems, is to maintain and developing a high standard of safety for our employees and efficient use of energy and raw materials.

Good environmental labour policy in production assured by ventilation, and exhaust. And reduce noise as much as possible.

Today, Danmat Iso Systems have developed recycling systems who is recycling 100% of waste in the production of ISOTOP products.

References

Technical data sheets form Raw-material supplier (TA s17)

Safety working policy Danmat Iso Systems

Danish Working environmental regulation

Signatures



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