

EASYTO

Thermal Barrier Coating

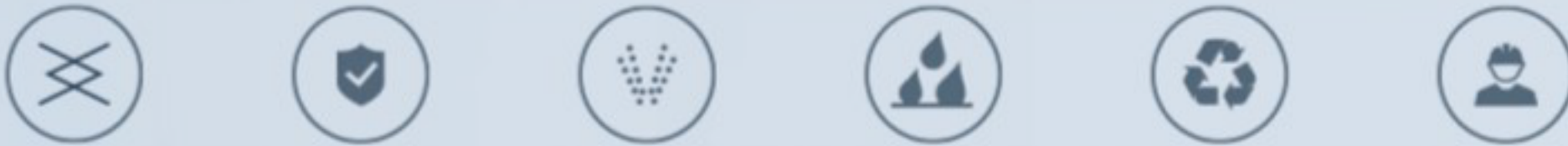


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THIS IS A MIRACLE RARE-EARTH TECH HEAT INSULATION MATERIAL

RARE EARTH & COATING





Suitable for any metal surface

Temperature difference up to 30°C

The temperature of the fighter's tail flame is as high as 2000°C
The tail nozzle metal is protected by rare earth thermal barrier coating to
become stable and invariant



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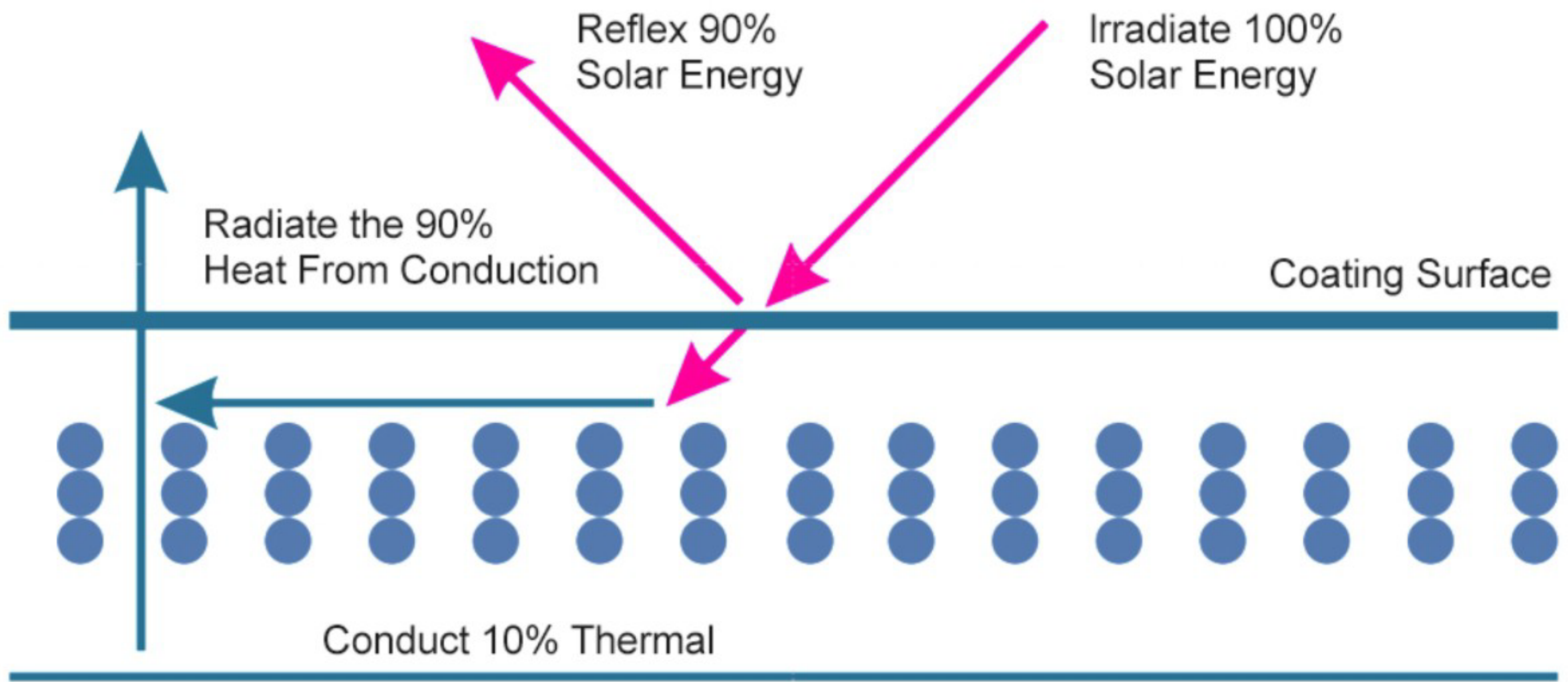
Product Name
Thermal Barrier Coating

Product Code
EASYTO.1839



30 Degrees Of Temperature Difference!

Innovative new technology: the perfect combination of light reflection and thermal barrier, bringing excellent thermal insulation effect



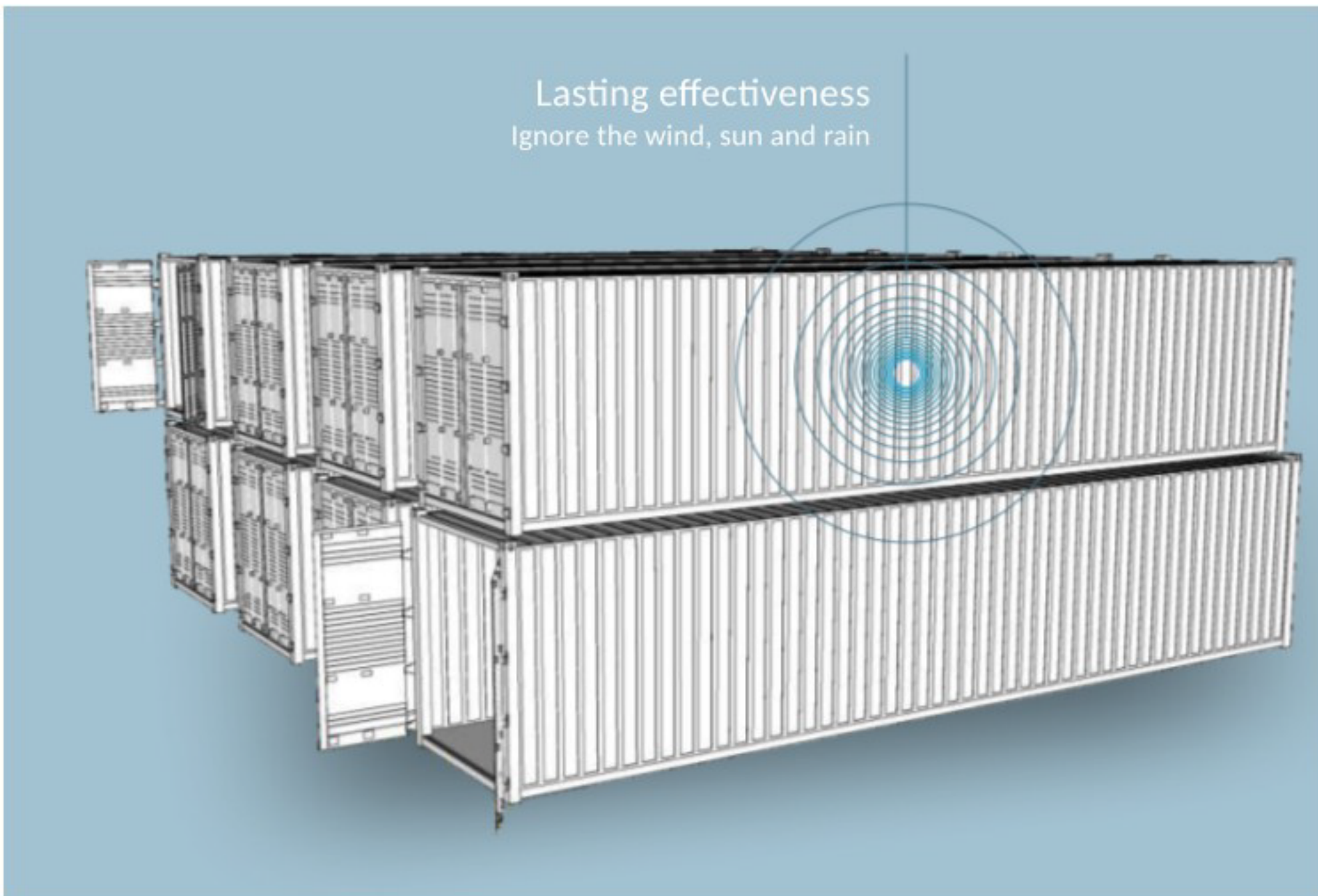
Weather resistance performance (GB/T 9755-2014)			
Alkali Resistance	No Unusual In 48 Hours	Water Resistance	No Unusual In 96 Hours
Temperature Denaturation	No Unusual In 3 cycles	Water Permeability	0.4 ML
Drying Tme	1 Hour	Washability	2000 Times Withour Damage
High Adhesion	Yes	Type Of Coating	Water-Based Paint
UV Resistant	Yes	Fire-Proof	Yes

Artificial Weather Resistance (GB/T 1865-2009)			
Aging Time	600 H	Appearance Change	No Unusual
Atomize	0 Level	Discoloration	1 Level

Heat Insulation Performance (JG/T 235-2014)			
Solar Reflection	86%	IR Reflection	93%
Hemispheric Emissivity	88%	After Pollution, The Rate Of Change Of Solar Reflectance	15%
After Artificial Climate Aging, The Rate Of Change Of Solar Reflectance (600h)	2%	Application Temperature	8~80°C

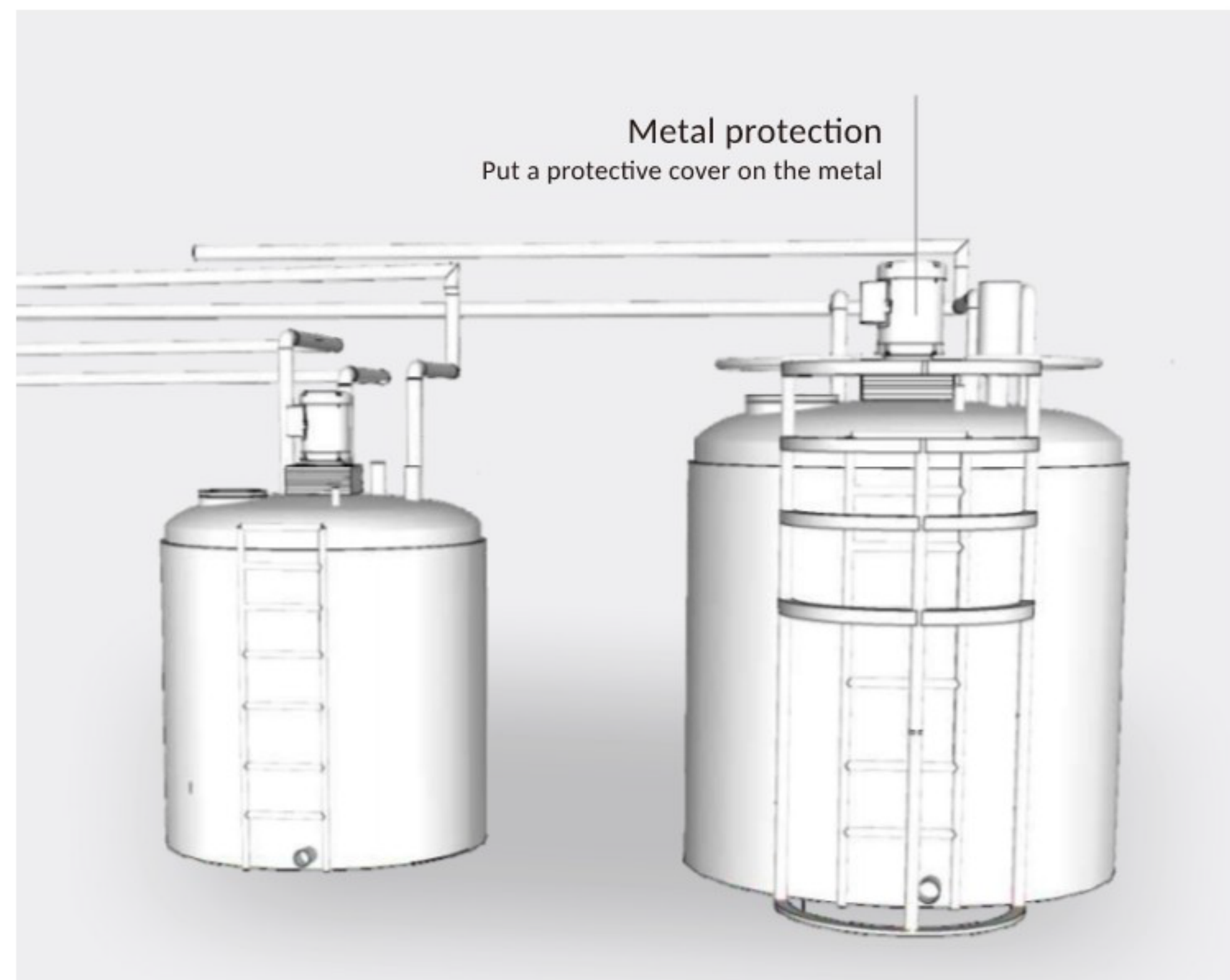
Note*: Fireproof function need purchase and replace other type of layer B, to make our coating can prevent 1400°C flame burning.

Features



- Excellent heat insulation performance, which can be applied to all kinds of metal surfaces. After use, the heat insulation effect can reach up to 30 degrees;
- The product is non-toxic, does not contain harmful substances, heavy metals, formaldehyde, toluene, etc., and is produced by a water-based production process, which is environmentally friendly;
- Excellent stability, anti-fouling, anti-UV, anti-weathering ability, weather resistance!

- 3 years warranty, 10 years service life;
- Due to the honeycomb structure inside the coating, it can effectively reduce noise, and the coating material has a tight structure, anti-corrosion, and anti-rust, forming a barrier on the metal surface, making the building longer service life!
- Due to the excellent thermal insulation performance and innovative product design, after the building uses EASYTO thermal barrier coating, it can save up to 60% of the energy consumption of air conditioning.



Application

Thermal Barrier Coating

Product Specification			
Coating Color	White	Net Weight	13.5 Kg \pm 2%
Coating Thickness	200-250 UM	Thinner	Pure Water
Ph	7.8-8.5	Viscosity	2000-2500 cps
Consumption	42 Sqm Per Set	Shelf Life	12 Month



Instructions

- Paint the “A Coating” to make a anti-corrosion substrate layer;
- After “A Coating” drying, paint the “B Coating” to make a thermal barrier layer;
- After “B Coating ”drying, paint the “C Coating” to make a solar reflex layer.



Application Object

- Containers (Includes special temperature requirements)
- Oil Storage Tanks
- Grain Storage Tanks
- Oil And Gas Pipelines
- Metal Roof Buildings etc

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