



super cooling
ultra efficient



Non-Electric-Self-Cooling Coating

No Electricity? Still Cool!

2025 Heat Impact



It's hitting **40°C**
in lots of places.

People are getting
heatstroke.



Death Toll

01

In 2025, the number of heatwave - related deaths in Spain **exceeded 180.**

Economic Loss

02

Southern Europe **suffered a 1.4% GDP loss** due to the heatwave, dealing a heavy blow to the economy.

Infrastructure Strain

03

Only 5% of people have AC. With **95% exposed to the heat**, stuff like nuclear plants, schools, and transport is strained.

WHEN YOU CHOOSE 3U



- 1 Cheaper Than Green Roofs**
Costs 40 - 60% less than green roofs. A huge cost - saving edge.
- 2 Fast Deployment**
Spray - on application. Ready in just 24 hours. Super quick.
- 3 Zero Maintenance**
5 year warranty, no upkeep needed. Reliable long - term.

Striking Effect Comparison

High - efficiency thermal insulation, trusted by customers



Uncoated : 69 C



Coated : 35 C

1 - How It Works: The Cooling Magic



98% solar reflectivity – like sunscreen for gear!

Folks! Our zero-power coating's insane!

It's sunshield + cooling combo armor –

- **Kicks back** 98% of sunlight (IR/visible/UV)
- **Vents** heat to space via Earth's 8-13 μ m "cooling lane"
- **91% emission rate** = next-level heat dump

Just spray it on – no power, no coolant needed!

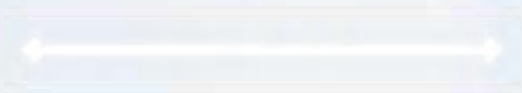
Chills for free = saves cash. Users love it!



Surface temp drops 40°C / Air cools 10°C

Cuts AC energy use by 40%+

02 - 24/7 Zero-Power Cooling "Game-Changer"



Cooler • Longer • Smarter

VS ordinary cooling coatings,our 3U Nano Self-Cleaning Coating
light-years ahead -

- 40°C surface temp drop
- 40%+ AC energy savings
- 24/7 continuous cooling

Like an "always-on chill shield" for buildings -
keeps spaces cool without overworking AC.

3U Electricity - Free Self - Cooling Coating		Ordinary Thermal Insulation Products
Product Differences		
Cooling Principle	Reflect infrared, visible and ultraviolet light, radiate heat to outer space	
Cooling Performance	·Surface temperature drops by 40°C directly ·Air temperature drops by 10°C	
Energy - Saving Potential	Reduce air - conditioning energy consumption by more than 40% (0 additional energy consumption in the long run)	
Applicable Scenarios	Grain storage, chemical storage tanks, cold chain, buildings, outdoor metals, containers, charging stations	Only residential / ordinary buildings

3 - 3U Coating Features

All-in-One Building Temperature Control
Experience Ultimate Energy Efficiency



Super Cooling

Up to 42.9°C surface temp drop
Reduces AC energy use by 42%



Multi-Shield Protection

Waterproof • Oil-proof • Dust-proof • Super Hydrophobic



Easy Application

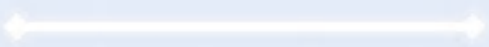
Spray • Brush • Roll – works on any surface



Weather-Resistant

Salt-fog & corrosion resistant •
10-year cooling performance

4 - Coating Specs



-Product

Non-Electric-Self-Cooling Coating

-Application Methods

Roller | Spray



Product Performance

Product Model	3URC-1
Solar Reflectivity	95.06%
Mid- Infrared Emissivity	95.20%
Drying Time - Touch - Dry(h)	24h
Applicable Substrates	Metal, ceramics, plastics, architectural, etc.
Fire Rating	Class A
Shelf Life	24 months (unopened, under specified storage conditions)
Packaging	1L/10L/20L

Product Construction Instructions

Mixing Ratio (Weight Ratio)	Paint: Water = 1:0.1 - 0.5
Re - coating Interval Time (h)	≥1.5 - 24
Construction Environmental Conditions	Temperature 10 - 55°C, Relative Humidity 35 - 80%, Spraying Air Pressure 0.8 - 1.2 MPa

5 - Application Scenarios



Grain Storage



Chemical Storage



Cold Chain Logistics



Buildings and Outdoor Structures



Oil Transmission Pipes



New Energy Charging Stations

6 - Construction Steps

1

Step 1: Clean the Substrate

2

Step 2: Apply Uniformly

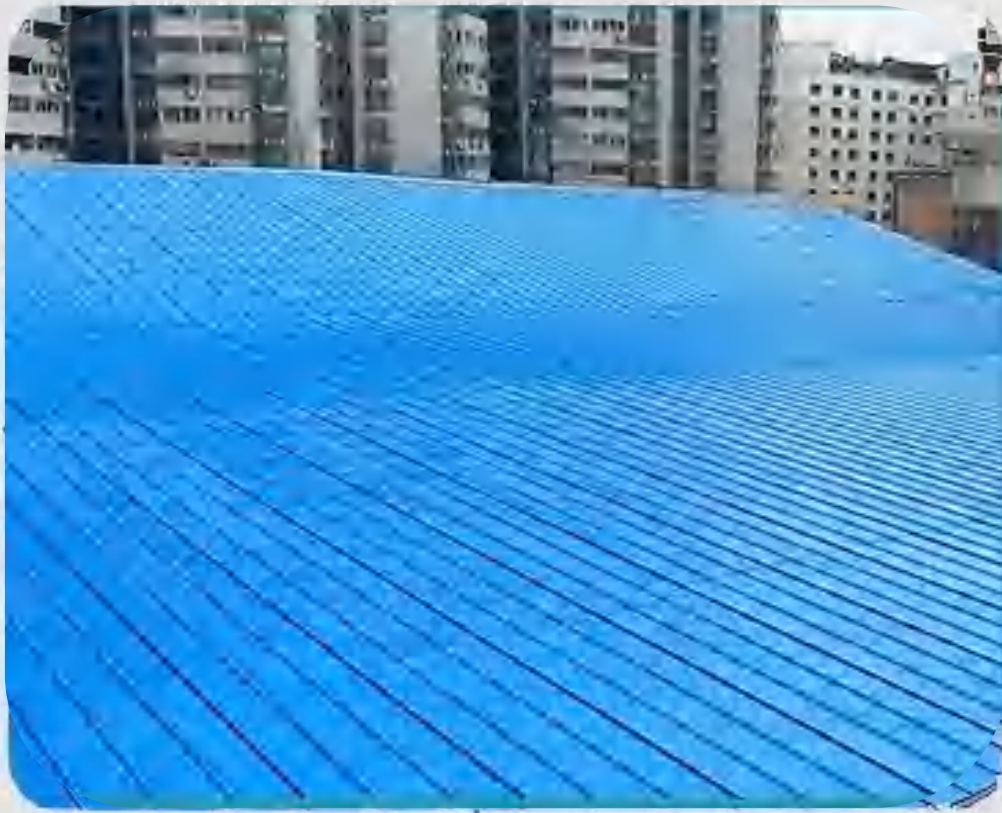
3

Step 3: Wait for Drying

静待
24
小时干透

- Construction Cases -

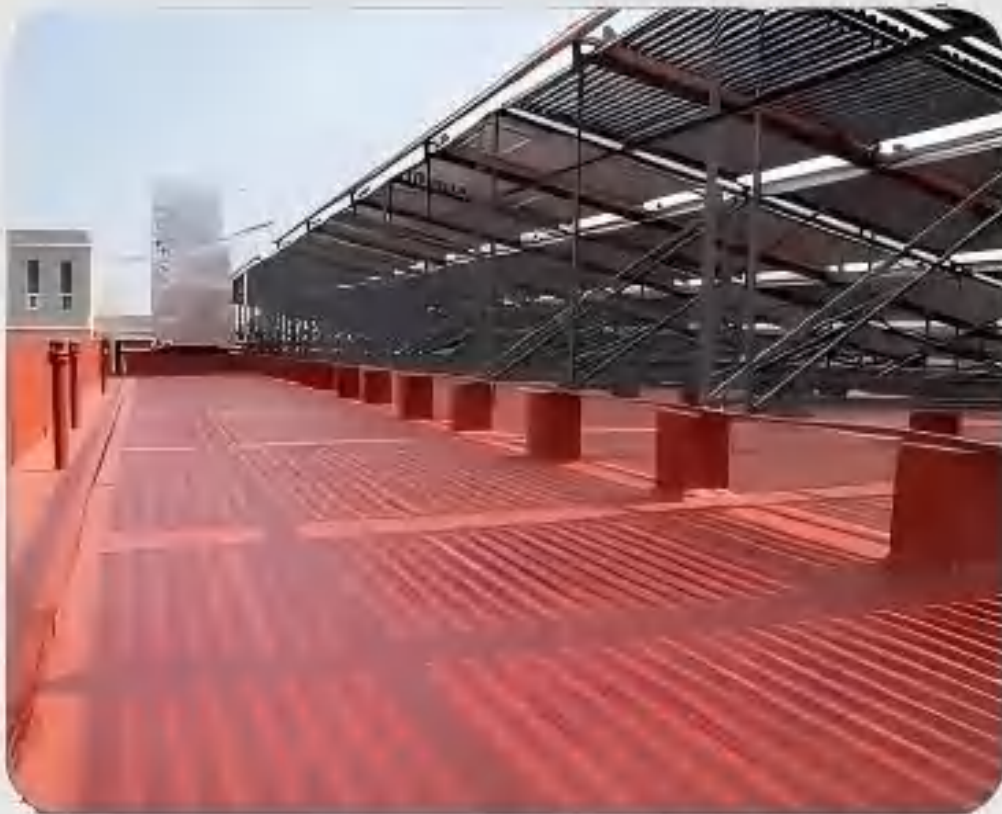
We Provide Global On - site Services



Glass Factory: 16,000 sqm



Steel Tile: 15,000 sqm



Rooftop: 17,000 sqm



Anti-Corrosion Project: 20,000 sqm



Telecom Company: 12,000 sqm



Electronics Factory: 6,000 sqm

Beat the Heat with 3U Non-Electric- Self-Cooling Coating

Combat Global Warming
Save Energy For Humanity



FOSHAN 3U TECHNOLOGY CO., LTD



Sherry@gd3u.com



www.gd3u.com