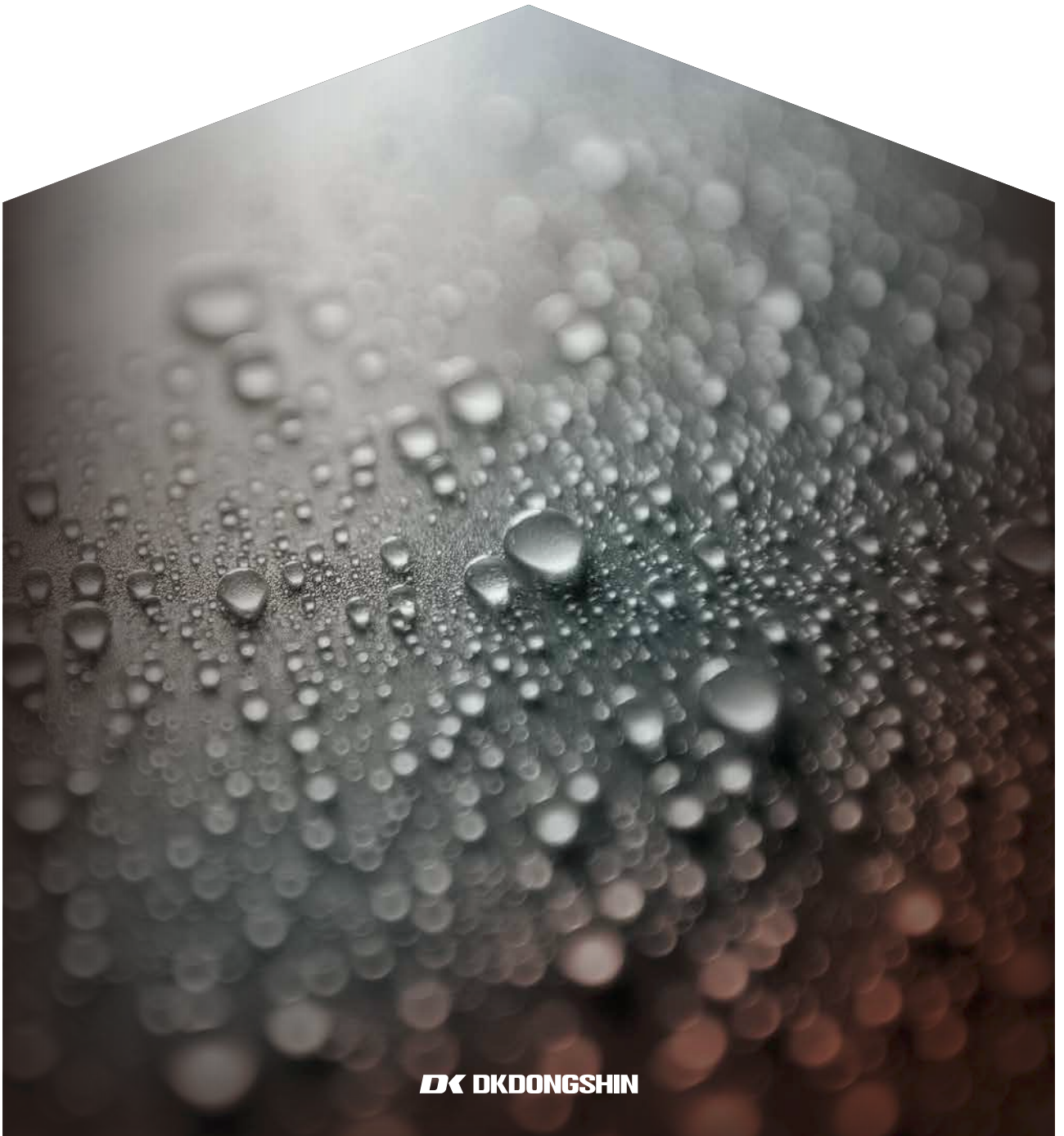


COOL-ROOF

FUCNTIONAL CONSTRUCTION MATERIAL



DK DKDONGSHIN

COOL-ROOF

SAVING ENERGY FOR CONSTRUCTION ROOF

ABOUT COOL-ROOF

COOL ROOF is a specialized roofing product that utilizes heat-reflective coatings to optimize solar reflection and heat transmission. It effectively reduces the rise in indoor temperatures and helps lower energy costs.

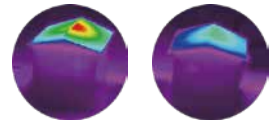
APPLICATION



Residential Roof

IR LAMP TEST

Images captured by IR camera



General COOL-ROOF

25.0 C 90.0 C

PRODUCT OF CHARACTERISTIC



Saving Energy



Prevention of Heat Island Effect



CO2 Reduction

CERTIFICATION



DK Dongshin's heat-reflective products are certified by the CRRC a specialized certification body for energy-saving coatings that validates solar reflectance and thermal emissivity data for roofing materials. This certification ensures objectively proven and outstanding performance.

PRODUCT PROPERTY

Property	Measurement	Test Standards
MEK Resistance	Gauze, Repeation	40 times ↑
Bending(Adhesion)	T-bend, Taping	2T 3 point / 3T 4 point
Pencil Hardness	Mitsubishi Pencil	HB to 3H
Erichsen	100mm X 100mm X cross cut X 6mm	No Peeling
Impact	1/2" x 50cm x 0.5kg	No Crack
Corrosion resistance	35°C, 5% NaCl	No mark
Chemical resistance	5% HCl / 5% NaOH	No Blister(Spot 24hrs)

* The above criteria may vary depending on the application, material, color, and gloss, requiring prior consultation

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