

FUTURONE THERMO GUARD

2.0 PREMIUM

PREMIUM THERMOREFLECTEREND COATINGSYSTEEM

SRI 107+ | 10 JAAR GARANTIE | 20 JAAR LEVENSDUUR

Brandveiligheid BROOF(t1) | 100% Waterdicht | Antibacterieel | Vogelwering

THE CHALLENGE FOR FACILITY OWNERS

ISING ENERGY COSTS

HVAC costs increasing 15-25% annually. Cooling accounts for 40-60% of energy bills.

ESG AND DECARBONIZATION

EU regulations demand carbon footprint reduction. Sustainability reports becoming mandatory.

AGING ROOF INFRASTRUCTURE

Roof replacement: 80-150 EUR/m² + production downtime.
Average industrial roof: 10,000+ m².

TYPICAL COSTS IN EU

80-150 EUR

per m² for roof replacement

2-4 weeks

production downtime

40-60%

energy spent on cooling

THE SOLUTION: FUTURONE THERMO GUARD 2.0 PREMIUM

Revolutionary 2-layer thermal-reflective coating system that transforms your existing roof into a high-performance thermal barrier - without tear-off and without production interruption.

SRI 107+

Solar Reflectance Index

88%+

Solar Reflectance

10-12 C

Temperature Reduction

ALL-IN-ONE SYSTEM:

Waterproofing + Thermal Insulation + Fire Protection + Antibacterial + Bird Deterrent

LAYER 1

HYPERFLEX 2K BASE

Waterproofing membrane

LAYER 2

THERMO REFLECT TOP

Thermal-reflective finish

APPLICATION: 1-2 DAYS

KEY FEATURES AND BENEFITS

FIRE PROTECTION

BROOF(t1) certified non-flammability. EN 13501 standard.

ANTIBACTERIAL

ZnO + Ag nanoparticles prevent mold and bacteria growth.

100% WATERPROOF

250 kPa water pressure resistance. Complete leak protection.

BIRD DETERRENT

Natural menthol repels birds without harming them.

THERMAL REFLECTION

SRI 107+ reflects 88%+ of solar radiation.

PV EFFICIENCY +60%

Cooler roof = cooler panels = higher energy output.

10 YEARS

WARRANTY

20+ YEARS

DURABILITY

EN 13501

CERTIFIED

TECNALIA

SRI TESTED

COMPETITIVE COMPARISON IN EUROPE

Parameter	German Systems	Dutch Systems	Danish Systems	FUTURONE
Price per m2	55-75 EUR	50-70 EUR	60-80 EUR	52 EUR
Warranty	5-7 years	5-8 years	5 years	10 YEARS
SRI Value	85-95	80-90	82-92	107+
Fire Rating	Various	Various	Various	BROOF(t1)
Antibacterial	NO	NO	NO	YES
Bird Deterrent	NO	NO	NO	YES
ROI Period	6-10 years	5-9 years	6-8 years	4-6 YEARS

FUTURONE ADVANTAGE: Best price + longest warranty + highest SRI + unique features (antibacterial, bird deterrent)

TECHNICAL SPECIFICATIONS

THERMAL PERFORMANCE

SRI (Solar Reflectance Index): 107+

Solar Reflectance: 88%+

Thermal Emissivity: 0.89+

Temperature Reduction: 10-12 C

WATERPROOFING

Water Pressure Resistance: 250 kPa

Water Vapor Permeability: Sd below 2m

FIRE SAFETY

Fire Classification: BROOF(t1)

Standard: EN 13501-5

MECHANICAL PROPERTIES

Tensile Strength: 4+ MPa

Elongation at Break: 350%+

Low Temp Flexibility: -35 C

APPLICATION DATA

Coverage (system): 1.5-2.0 kg/m2

Dry Film Thickness: 700-1100 um

Drying Time: 2-4 hours

COMPATIBLE SUBSTRATES

Bitumen, EPDM, PVC, TPO, Metal, Concrete, Fiber cement (Eternit)

TRANSFORMEER UW DAK IN BESPARINGEN

Neem contact op voor een GRATIS technische beoordeling

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