



K10 SOLARTAC

HEAT REFLECTIVE & WATERPROOFING COATING



ECO FRIENDLY



COLOURS



HEAT REFLECTIVE

DESCRIPTION

Davco K10 SolarTAC is a cost effective heat shielding coating that uses advanced insulation technology to reduce the interior temperature of buildings. Davco K10 SolarTAC is specially formulated with fine spherical particles that minimises surface temperature on roof and walls by reflecting a large percentage of the radiant heat energy before it penetrates the building. This lowers interior temperature and reduces energy cost for cooling the building.

USES

Davco K10 SolarTAC is ideal for roofs and walls in both commercial and residential buildings.

Davco K10 SolarTAC can be applied to substrate such as concrete, render, aluminum, steel, cement sheet, masonry, brick, wood, etc.

ADVANTAGES

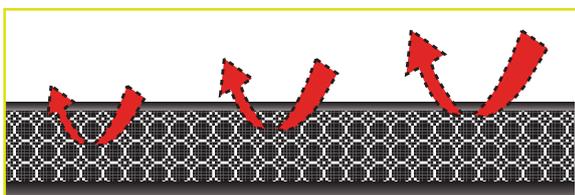
Easy to apply, non toxic & environmentally friendly.

Reflects radiant heat.

Reduces energy for cooling of buildings.

Protects against mould and fungi.

Elastomeric properties.



Reflect radiant heat even for dark colours

TECHNICAL DATA

Elongation at Break	260%
Tensile Strength	3.80 MPa
Adhesion Strength	1.36 N/mm ²
Crack Bridging Method A	No crack within 2mm
Crack Bridging Method B	No crack after 10 cycles
Hardness Shore A	65
Water Penetration	No water penetration
UV Exposure 2000 hrs	No disintegration, cracks, blisters, peeling or swelling
Thermal Conductivity	0.04508 W/m.K
Solar Reflectance	87.7%
Emittance, ε	0.91

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.



PAREX
Building expertise, together



K10 SOLARTAC

SURFACE PREPARATION

All surfaces must be free of grease, oil and dust. Very smooth surfaces should be roughened for better adhesion.

Loose rust, moss, lichens, crumbling cement, deteriorated fibre cement and degraded bituminous substances must be removed either mechanically or chemically.

Surface faults such as blisters, holes and cracks should be cleaned out, then repaired with a flexible filler. Small hairline cracks can be painted with Davco K10 SolarTAC - brush in, allow in dry, then repeat until filled or at least sealed.

Prior to application, prime surface with Davco Acrylic Primer. This is recommended because these surfaces can be very weak and consequently when a coating of Davco K10 SolarTAC is pulled up it actually tears away the surface to which it is bonded. Sealing with Davco Acrylic Primer greatly reduces this type of potential failure.

Rusty metal should be cleaned by blasting or other means to suitable standard then primed with a Rust Converter. Other metals should be suitably treated, e.g. for new galvanising, degrease, etch or roughen surface and prime with Davco Primer XP before coating.

APPLICATION

Davco K10 SolarTAC may be applied direct to all common building substrates, i.e. concrete, render, aluminum, steel, cement sheet, masonry and brick prime with Davco Acrylic Primer prior to application.

Apply two or more coats to obtain recommended total thickness by brush, roller, spread bar or airless spray gun. Ideal application temperature is between 10 - 30°C and relatively humidity 30 - 80% in rapid drying conditions, mask large areas into smaller zones to help obtain an even application and appearance.

Rinse brushes, etc., frequently in water to prevent drying / clogging. Keep containers closed to minimise skin formation.

In fast drying weather conditions, adhesion to unsealed absorbent or porous surfaces is significantly improved by Davco Acrylic Primer.

PACKAGING

20 litres plastic pail.

SHELF LIFE

Up to 12 months in unopened containers when stored in a cool, dry place.

COVERAGE

Flat Roofs:
900 micron WFT thickness i.e. 1.1 sq metre / litre.

Pitched Roofs:
650 micron WFT i.e. 1.5 sq. metre / litre.

Walls (smooth):
450 micron WFT i.e. 2.2 sq. metre / litre.

CLEAN UP

Clean all brushes, rollers, trays, buckets & surrounding areas with clean water before the product sets.

HEALTH & SAFETY

Wash off body before Davco K10 SolarTAC dries to a tough, water insoluble film. If in eyes, rinse eyes immediately with water 5 - 10 minutes. If irritation persist, consult a doctor. Move to fresh air if nasal discomfort occurs. Refer to safety data sheet.

Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website www.parexgroup.com.sg

PAREXGROUP PTE LTD

28 TUAS SOUTH AVENUE 8, SINGAPORE 637648

TEL: (65) 6861 0632 FAX: (65) 6862 3915

EMAIL: SALES@PAREXGROUP.COM.SG

WEBSITE: WWW.PAREXGROUP.COM.SG

ONLINE STORE: DAVCO-ONLINE.COM.SG

ParexGroup, a French multi-national company with headquarters in Paris, is a leading manufacturer of speciality products for the construction industry with operations in more than 20 countries, and our 2700 people around the world are the cornerstone of our growing organization.

Updated WP35 Sep 2018



Certificate SG09/02195



Certificate SG95/06111



Certificate SG09/50075



Certificate GMS-C / GHG / 0002

