

Specialties: Stone chips protection SCP 200

GENERAL INTRODUCTION

PRODUCT DESCRIPTION

TYPICAL APPLICATION

CHARACTERISTICS

RESISTANCE

SHELF LIFE

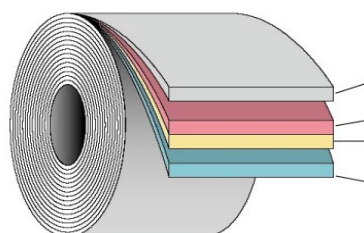
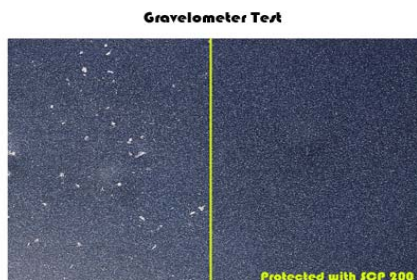
DURABILITY

Specialties

-is a range of high technology self-adhesive products, developed for specific industrial applications, particularly in the medical, optical or security fields, etc

Stone Chips Protection 200

- consists of a Polyurethane film coated on one side with a permanent solvent based pure acrylic adhesive. The PU film is still protected by its "casting sheet": a 200µ clear PE film.
- SCP 200 is produced with a white release liner.



Casting sheet :Clear PE Film
Polyurethane film
Solvent based pure acrylic adhesive
PE coated paper white

Automotive Industry: specially designed to reduce stone chipping and insect damage on painted surfaces. Excellent for protecting side mirrors, car underbodies, spoilers, rocker panels, etc. Offers equal protection on new or used vehicles when applied to fully cured painted surface. SCP 200 fulfills the specification guide from:

Renault 39-09-009/--D, part 5.2.; ENC category; and Peugeot B14 3100

IMDS – automotive registration : SCP 200 has been introduced in the IMDS (International Material Data System)

| Adhesion with Substrates | | | |
|--------------------------|--------|------------------|--------|
| Metal / Aluminium | Medium | Textile/Cotton | Medium |
| Glass / Ceramics | Medium | Rubber/EPDM | Medium |
| Painted Surface | Medium | Acrylic/PET | Medium |
| Wood/Board/Paper | Medium | Polystyrene | Medium |
| Soft PVC | Low | PP/PE/PS | Medium |
| Rigid PVC | Medium | Smooth substrate | Medium |
| PC/ABS | Medium | Rough substrate | Low |

Resistant to water, detergents and alcohol. Not recommended for use in contact with aromatic hydrocarbons, chlorated solvents, ketones or esters. *For further technical advice, please consult with MACTac.*

2 years when stored at 15 to 25°C and ± 50 % relative humidity.

The SCP200 professionally applied can be used outdoor for a period of 7 to 10 years (wearing away in normal road conditions).

SCP 200 must be applied to painted surfaces that are **fully cured** according to the paint manufacturer. As this curing process is different by brand, please follow the paint manufacturer's instructions.

**ADHESIVE
DATA**

| | TYPICAL VALUES (*) | TEST METHOD |
|--|--------------------|-------------|
| Quick Tack (N/25mm) on stainless steel | 18 | FTM 9 |
| Peel 180°-20 min (N/25mm) on stainless steel | | |
| - after 20 minutes | 16 | FTM 1 |
| - after 24 hours | 20 | FTM 1 |
| Shear (hours) 1kg-25 mm x 25mm | > 500 | FTM 8 |

**CARRIER
DATA**

| | TYPICAL VALUES (*) | TEST METHOD |
|----------------------------|--------------------|-------------|
| Thickness (μ) | 160 | ISO 534 |
| Tensile (N/15mm) MD (Min.) | 150 | DIN 53455 |
| Elongation (%) MD (Max.) | 700 | DIN 53122 |

**TEMPERATURE
RESISTANCE**

| | | |
|---------------------------------|-------------------|----------|
| Minimum application temperature | + 10°C | |
| End-use temperature range | - 40°C to + 120°C | S.A.F.T. |

For temperatures outside those quoted above, please consult with MACtac.

**RELEASE
LINER**

| | |
|---|---------|
| White PE coated paper liner of 130 gr/sqm | ISO 536 |
| THICKNESS (Carrier+Adhesive) 200 μ | ISO 534 |

(*) Values given are typical and are not necessarily for use in specifications.

IMPORTANT NOTICE

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