



# TECHNICAL DATA SHEET



## PRODUCT DESCRIPTION

OXCON Surfacers HP is a proven system that provides a new durable wearing surface. It is a highly engineered Polymeric Composite Micro Overlay (PCMO) that bonds securely to concrete and asphalt and comes to strength quickly. OXCON Surfacers HP provides the benefits of cool pavements that are solar reflective and photocatalytic. OXCON Surfacers HP is unaffected by water, UV, deicing chemicals, and petroleum products. OXCON Concrete/Asphalt Surfacers is applied at 2 to 3mm in thickness and extends the life of concrete and asphalt over 20 years.

## BENEFITS

- High early strength
- Resistant to chemical salts etc.
- High coefficient of friction
- Environmentally friendly
- Freeze thaw resistant
- Quick turnaround times
- No grade transition issues
- Provide cooler surface
- Improves air quality
- No odor or tracking
- Can be applied at nighttime
- Available in different finishes
- Colorable

## RECOMMENDED APPLICATIONS

- ROADWAYS
- SHOULDERS
- TAXIWAYS
- RUNWAYS
- PARKING LOTS
- MULTI USE TRAILS
- BRIDGE DECKS
- PARKING GARAGES
- SIDEWALKS
- WAREHOUSES
- DAMAGED SLABS
- AIRPORTS

## YIELD

Approx. 35 ft<sup>2</sup> - 200ft<sup>2</sup> per 50-lb bag (depending on pavement conditions and application process)

## APPLICATION TEMPERATURE RANGE

40°F to 90°F

## PERFORMANCE DATA

### COMPRESSIVE STRENGTH – ASTM C109

1hr.....3,805 psi  
 3hr.....4,115 psi  
 1 day.....5,365 psi  
 7 days.....6,770 psi  
 28 days.....8,050 psi

Adhesion to Asphalt – PASS

Freeze Thaw –  
ASTM – C67 50 cycle - PASS

Pavement friction –  
ASTM – E274 – 62.5

Fuel resistance –  
ASTM – P - 2939 – Unaffected

Resistance to Deicing Chemicals –  
ASTM – C672– Unaffected

Chemical Resistance –  
ASTM – C - 2299 – Unaffected

Accelerated Weathering –  
ASTM – G – 23 – Unaffected

Solar Reflectivity –  
ASTM – E 1918. SRI – 51

Wet Track Abrasion –  
ISSA TB -100 6 day soak - +13.0 (Gainweight)

Loaded wheel test –  
ISSA TB – 109 – 0.4%

## APPLYING

**Surface Preparation**  
Professional use only, contact OXCON.

**Mixing**  
Professional use only, contact OXCON.

## CLEAN UP

Clean tools and equipment with clean water immediately after use. Cured material must be removed mechanically.

## HEALTH AND SAFETY

Make certain the most current versions of product data sheet and SDS are being used.

## RISKS

Product contains Portland cement and sand (crystalline silica); it can cause skin and eye irritation. Ingestion or inhalation of dust may cause tract irritation. This contains free respirable quartz, which has been listed as a suspected human carcinogen by NTP and IARC. Repeated or prolonged overexposure to free respirable quartz may cause silicosis or other serious and delayed lung injury.

## PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. Prevent contact with skin and eyes. Prevent inhalation of dust. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or is used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state and local regulations.

## FIRST AID

In case of eye contact, flush thoroughly with water for at least 15 minutes, and seek medical attention. In case of skin contact, wash affected areas with soap and water. If the irritation persists seek medical attention. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If the discomfort persists, breathing difficulty occurs, or if swallowed seek medical attention. Refer to Material Safety Data Sheet (MSDS) for further information.

## PROPOSITION 65

This product contains material listed by California as known to cause cancer, birth defects, or other reproductive harm. Cured material must be removed mechanically.

## VOC CONTENT

0 lbs/gal or 0 g/L

## RISKS

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## LIMITED WARRANTY NOTICE

Every reasonable effort is made to apply exacting standards both in the manufacture of “OXCON Surfacers HP” product and in the information, which we issue concerning these products and their use. We warrant our product to be good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only on quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, OXCON makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products, and OXCON shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of OXCON technical manager.

STORAGE AND TRANSPORT IN CLEAN, DRY CONDITIONS  
12 MONTH STORAGE TIME WHEN PROPERLY STORED.



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**CONCRETE/ASPHALT SURFACER**  
**HIGH PERFORMANCE**

## CONTACT

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**OXCON**  
**SYSTEMS**

OXCON CONCRETE/ASPHALT SURFACER HP  
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