



Product Data Sheet

ASMACO FLOOR UV 2

High Performance two Component UV resistant Polyurethane Coating

DESCRIPTION:

ASMACO FLOOR UV 2 is a high-performance, two-component polyurethane topcoat engineered to provide exceptional UV resistance and protection for concrete surfaces. This advanced formulation is designed for use as a sealer, specifically within the ASMACO FLOOR range of epoxy and polyurethane coating systems.



KEY PERFORMANCE PROPERTIES

- Low viscosity
- Excellent surface adhesion
- UV and weather resistant
- Impact and abrasion resistant
- Good chemical and stain resistance
- Tough and flexible coating
- Easy to clean and maintain.
- Can be applied to many different substrates and on cured epoxy & polyurethane flooring systems.

AREAS OF APPLICATION

ASMACO FLOOR UV2

is designed for a wide range of floors with various levels of mechanical and chemical exposure. Specially designed for areas exposed to direct sunlight where color stability is desired. Recommended as a topcoat as part of the

- Car Parks,
- Parking Bays,
- Pedestrian Walkways,
- Industrial Floors,
- Drive Ways,
- Ramps and Traffic Deck Systems.

METHOD OF APPLICATION

ASMACO FLOOR UV2 The long term durability of any resin floor system is determined by the adhesive bond achieved between the flooring material and the substrate. It is most important therefore that substrates are correctly prepared prior to application.

New Concrete Floors:

These should normally have been placed for at least 28 days and have a moisture content of less than 5%. Floors should be sound and free from contamination such as oil and grease, mortar and paint splashes or curing compound residues. Excess laitance deposits are best removed by light mechanical scabbling, grinding or grit/captive blasting followed by vacuum cleaning to remove dust debris.

Old Concrete Floors:

A sound, clean substrate is essential to achieve maximum adhesion. As for new concrete floors dry removal of laitance deposits are best removed by light mechanical scabbling, grinding or grit/captive blasting. Oil and grease penetration should be removed using a proprietary chemical degreaser or by hot compressed air treatment.

Any damaged areas or surface irregularities should be repaired using epoxy repair mortar **ASMACO POXY 95**.

Priming:

Priming is not normally required provided the substrate is sound, untreated, and good quality nonporous concrete. If any doubts exist of the quality of the concrete, or if it is porous, it should be primed with **ASMACO FLOOR PRIME P2**.

ASMACO FLOOR PRIME P2 should be mixed in the proportions supplied. Add the entire contents of the hardener can to the base can. When thoroughly mixed, preferably using a slow speed drill and paddle, the primer should be applied in a thin continuous film, using rollers or stiff brushes. Apply the primer well into the surface of the concrete taking care to avoid ponding or over application. The primer should be left to achieve a tack-free condition before applying the topcoat. A second coat of primer may be required if the substrate is excessively porous.

TDS_ASMACO FLOOR UV 20, GCC 0424



Product Data Sheet

Mixing the ASMACO FLOOR UV2 is composed of two components that must be mixed of use. The base (Component A) should be mixed for two minutes with a drill at low number of turns (200-300 RPM) till obtaining a homogenous mix. Pour the hardener (Component B) into the base mixture and mix for another two minutes. Mixing ration by volume 3:1

Application:

ASMACO FLOOR UV2 Apply by roller, squeegee or airless spray to the surface. Application should not be carried out when humidity exceeds 90%, or when the surface temperature to be coated is less than +3°C above the dew point. **ASMACO FLOOR UV2** can be applied as a single intermediate coat, or as a multi coat sandwich system incorporating aggregates to give a slip resistant finish.

Cleaning

Tools and equipment should be cleaned with **ASMACO CLEANER 2** immediately after use. Spillages should be absorbed with sand or sawdust and disposed of in accordance with local regulations.

STORAGE & SHELF LIFE

12 Month store under warehouse conditions, below 35°C in the original, unopened packs.
For further information, refer to the Product Material Safety Data Sheet.

PACKAGING

ASMACO FLOOR UV2:	
Pack Size:	20 Kg Set
PART A:	15 Kg
PART B:	5 Kg

COVERAGE RATE

ASMACO FLOOR UV2:	4 — 6 m ² /Kg
Depending on the surface conditions.	

HEALTH & SAFETY

ASMACO FLOOR UV2, ASMACO FLOOR PRIME P2 and ASMACO CLEANER 2 should not come in contact with skin and eyes or be swallowed. Avoid prolonged inhalation of solvent vapours.

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Safety Data Sheet and the container(s) and should not be used without reference to the Safety Data Sheet (SDS). All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental standards, and regulations.

Industrial Skin Cleanser, followed by washing with soap. Should accidental eye contamination occur, wash well with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately. Do not induce vomiting.

Fire

ASMACOFLOOR PRIME P2 and ASMACO CLEANER 2 are flammable. Do not expose to naked flames or other source of ignition. No smoking during use. Containers should be tightly sealed when not in use. In the event of a fire, extinguish with CO2 or foam.

CLEAN UP

Spillages of component products should be absorbed on to earth, sand, or other inert material and transferred to a suitable vessel. Disposal of such spillages or empty packing should be in accordance with local waste disposal regulations.



Product Data Sheet

TECHNICAL SPECIFICATIONS

PROPERTIES	TYPICAL VALUES	TEST STANDARDS
Color	Clear, Others on Request	—
Appearance	Liquid Coating	—
Pot Life	60 min	—
Tack Free	6 hours @ 25°C	—
Re-Coat Interval	12 hours — 24 hours	—
Full Cure	7 Days	—
Application Temperature	+10°C — +40°C	—
Service Temperature	+5°C — +80°C	—
Foot Traffic	After 48 hours	—
Maximum Permissible Humidity	75 % RH	—
Elongation at Break	≥ 40 %	ASTM D 412
UV Resistant	1000 hours	ASTM C 793
Density, g/m³	1.2 ± 0.2	ASTM D 1475
Tear Strength	22 N/mm	ASTM D 1004
Tensile Strength	4 N/mm²	ASTM D 412
Abrasion Resistance	50 mg /1000 Cycle	ASTM D 4060

Properties listed are based on laboratory-controlled tests.

All values given are subject to 5-10% tolerance

Shipping Limitations: None

Note

The information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non – Warranty : Because the storage, handling and application of the material is beyond Anchor Allied Factory Ltd's control, we can accept no liability for the result obtained. Anchor Allied Factory Ltd's sole limited warranty is the product meets the manufacturing specifications in effect at the time of shipment. There is no warranty or merchantability or fitness for use, nor any expressed or implied warranty. Anchor Allied Factory Ltd will not be liable for any incidental and consequential damage of any kind. The exclusive remedy for breach of such limited warranty is a replacement of any product shown to be other than warranted. Suggestions of uses should not be taken as inducement to infringe any patents.

All ANCHOR ALLIED FACTORY LLC datasheets are updated on a regular basis. This technical data sheet supersedes all previous editions relevant to this product. It is the user's responsibility to obtain the recent version.



☎ : +971 6 5342091, 📠 : +971 6 5342107, P.O. Box No.: 21152

MFG. OF SILICONE , ACRYLIC & POLYURETHANE SEALANTS, WATER PROOFING COATINGS,
SELF - ADHESIVE TAPES, SPRAY PAINTS, CONTACT ADHESIVE, PVC CEMENTS, EPOXY STEEL

TDS_ASMACO FLOOR UV 20, GCC 0424