

PRODUCT DATA SHEET

SikaWall®-485 MP Decap

Bio-degradable paint remover for concrete, masonry and other substrates

PRODUCT DESCRIPTION

SikaWall®-485 MP Decap easily and effectively strips a variety of paints and coating on a wide range of surfaces. It is particularly useful when mechanical removal is not allowed or is not technically possible. SikaWall®-485 MP Decap is formulated for exterior and interior uses.

WHERE TO USE

- SikaWall®-485 MP Decap can be used on a wide range of substrates to remove most latex, acrylic, urethane, alkyd paints, varnishes, and many other coatings.
- Substrates include, but are not limited to: concrete, masonry, most natural stones, metal, steel, Aluminum and wood.

CHARACTERISTICS / ADVANTAGES

- Bio-degradable
- Can remove multiple coats of paints with a single application
- Economical process compared to mechanical paint removal
- Easy to use - Simplifies the paint removal process
- Does not contain methylene chloride
- Does not require special shipping / handling procedures
- Non-flammable - Does not release toxic gases or smoke in case of fire
- Low odour

PRODUCT INFORMATION

Packaging	3.78 L (1 US gal)
Appearance / Colour	Semi-transparent
Shelf Life	12 months in its original, unopened pail.
Storage Conditions	Store protected, in dry conditions, at temperatures between 5 °C to 30 °C. Do not expose to direct sunlight and heat. Protect from freezing. If the product has froze, do not use.
Density	ASTM C127-15 / ~ 1.1 g/cm ³
Flash Point	> 93.3°C
pH-Value	ASTM D5324-16 / ≈ 1.7 (Acidic)

APPLICATION INFORMATION

Consumption

Approximately 6 m² to 10 m² (~60 ft² to 100 ft²) per 3.78 L (1 US gal) per coat.
Minimum wet film thickness (w.f.t.) : 0.38 mm (15 mils).

Note: SikaWall®-485 MP Decap must not be diluted. Coverage will vary with surface texture and application method. Multiple applications may be needed depending upon the type of coating and thickness.

Product Temperature

Minimum 5 °C / Maximum 30 °C

Ambient Air Temperature

Minimum 5 °C / Maximum 30 °C

Substrate Temperature

Minimum 5 °C / Maximum 30 °C

SYSTEMS

System Structure

SikaWall®-485 MP Decap is part of the SikaWall®-485 system. To be used for surface preparation and in order to optimize the chemical adhesion of SikaWall®-485 coatings.

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

LIMITATIONS

- SikaWall®-485 MP Decap must not be applied at temperatures below 5 °C nor exceeding 30 °C.
- The optimal temperature range (ambient air & substrate air) to optimize the performance of SikaWall®-485 MP Decap is situated between 20 °C and 30 °C. SikaWall®-485 MP Decap will perform well at lower temperature, but the waiting time could be longer.
- If masking tape is used to fix the protective plastic sheet, apply two (2) layers, and remove the first layer right after application. Do not let the SikaWall®-485 MP Decap to be absorbed by tape and damaging the paint underneath.
- May be incompatible with epoxy products or certain existing high performance coatings.
- Contact Sika Canada for guidance before specifying or application and carry out trial sections.

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Wait until the surface to be treated is completely dry before the application of SikaWall®-485 Decap. Always perform a mock-up before proceeding to the entire application of SikaWall®-485 MP Decap on the substrate to ensure the compatibility of the product with the surface. Mock-up should be prepared on the actual surface to be treated, using the same crew, tools and techniques that will be utilized on the job to confirm the coverage rate.

This validation will provide the required waiting time to obtain the desired results and will determine if a subsequent application of SikaWall®-485 MP Decap is needed. Moreover, this process will also establish the consumption rate specific for the project, help estimate the project timeline.

Wait until the surface to be treated is dry before starting the application.

MIXING

Mix SikaWall®-485 MP Decap to ensure uniformity using a slow speed (300 - 450 rpm) drill fitted with a Jiffy-style paddle. Mix for about three (3) minutes until a homogeneous mixture is obtained.

APPLICATION METHOD / TOOLS

EQUIPMENT

- Brush: Use a natural bristle or nylon / polyester
- Roller: Use a 13 mm to 19 mm (1/2 in to 3/4 in) nap synthetic roller cover

APPLICATION

Apply SikaWall®-485 MP Decap as a uniform and thick layer on the coating or paint to be removed at a

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thickness of 0.38 mm (15 mils) (w.f.t) minimum.

For optimal efficiency, the remover should be applied at a thickness between 30 % and 50 % of the coating/paint to be removed. For example, a 0.3 mm (12 mils) thick coating will require SikaWall®-485 MP Decap to be applied at a thickness of 0.38 mm to 0.45 mm (15 to 18 mils).

For thicknesses over 0.76 mm (30 mils), SikaWall®-485 MP Decap should be applied in two (2) separate applications. Begin with a layer of 10 mil, allow the product to react with the paint surface for 30 minutes and then re-apply SikaWall®-485 MP Decap to achieve the required final thickness.

Ensure that the surfaces treated with SikaWall®-485 MP Decap have been adequately rinsed with potable water and are completely dried before the application of the selected SikaWall-485 paint system.

IMPORTANT NOTE : Always carry out an application test in an inconspicuous to verify substrate conditions and to confirm application method, consumption, coverage, dwell time and if a subsequent application is necessary to help achieve desired results. Ensure adequate protection for adjacent surfaces not to be stripped. Best practice suggests that the selected area is acceptable to all parties involved and that it is representative of the area to be eventually stripped. Cover and protect surfaces from splashes that may be caused by application or wind. Use adequate protection including, without limitation such as a plastic film (polyethylene) or any other means and ways that can insure an adequate protection. For optimal efficiency, the thickness of the layer of SikaWall®-485 MP Decap must be greater than 30 % to 50 % of the thickness of the layer to be removed.

DWELL TIME

The waiting time will depend according to the type of paint and the temperature. Usually, most of the paint can be removed after 1 to 6 hours. SikaWall®-485 MP Decap can be left on the surface over night for optimal result.

RE-APPLICATION

If several layers of paint need to be removed, it can be

anticipated that the adhesion between some of the layers will not be optimal and that a break may occur between two coats. In this case, it is recommended to remove the loose paint and reapply the SikaWall®-485 MP Decap according to initial application.

The paint remover must not be left to dry on the surface. SikaWall®-485 MP Decap has been developed to remain wet for a period of 48 hours, during which time the product remains active. Exposure to wind, intense direct sunlight or applications carried out at inadequate thicknesses (too thin) can cause premature drying. If SikaWall®-485 MP Decap begins to dry, reapply according to initial application.

SURFACE CLEAN UP

Once the SikaWall®-485 MP Decap has penetrated and impacted the integrity of the paint film, it can be removed with a scraper, a vacuum compatible with wet residue or by using a water pressure machine.

The surface must then be rinsed with potable water to remove chemical residues before repainting. On vertical surface, it's important to rinse the facade starting from the bottom and then moving upwards. If water flows from top to bottom, the contact of the water with the paint will regenerate the adhesion capacities.

CLEAN UP

Clean all tools and application equipment with water immediately after use. Air spray equipment needs to be flushed with potable water as soon as the application has been completed.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in

materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or may be downloaded from our website at: www.sika.ca

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