

# HEGSEL® Coat 195

Polyurethane based Silk Gloss Topcoat

*You Build, We Protect!*

**Description:**

**HEGSEL Coat 195** is a two-component, solvent-based and tough-hard polyurethane topcoat. Because of its aliphatic nature, it shows excellent chemical and abrasion resistance specially against lubricants, fuels, saline solutions, diluted acids and alkalis. It can achieve a highly aesthetic silk gloss finish on **HEGSEL Coat** systems. **HEGSEL Coat 195** is coloured with high pigment content which is inert and harmless once cured.

**Characteristics:**

- Excellent abrasion resistance
- Outstanding chemical resistance
- UV - resistant
- Tough-hard
- For indoor and outdoor use
- Easy to apply and clean
- Good coverage
- VOC < 500 g/l, contains solvents

**Applications:**

**HEGSEL Coat 195** is suitable for use as topcoat on **HEGSEL Coat** systems and due to the special formulation, it is relatively insensitive to tyre marks (rubber wheels or chemical softeners etc.) Please consult HEGSEL!

**Application Data:**

<b>Finish</b>	Silk gloss		
<b>Mixing Ratio (Parts by Weight)</b>	A : B = 100 : 33.3 (3 : 1)		
<b>Colour</b>	Pebble grey approx. RAL 7032 (Other colours are available on request)		
<b>Substrate Temperature</b>	min 12°C up to Max 30°C		
<b>Material Temperature</b>	15°C - 25°C		
<b>Number of Coats</b>	1 - 2		
<b>Consumption</b>	Approx. 0.13 - 0.20 kg/m <sup>2</sup> depending on colour and substrate		
<b>@Temperature</b>	<b>12°C</b>	<b>23°C</b>	<b>30°C</b>
<b>Pot Life</b>	60 min	45 min	30 min
<b>Duration between Applications</b>	min. 16 hrs Max. 72 hrs	min. 8 hrs Max. 48 hrs	min. 4 hrs Max. 36 hrs
<b>Curing Time (Foot Traffic)</b>	36 hrs	24 hrs	16 hrs
<b>Curing Time (Mechanical Load)</b>	96 hrs	48 hrs	48 hrs
<b>Curing Time (Chemical Load)</b>	7 days	5 days	4 days

**Note 1:** Should the duration between coats be too soon, curing of the subsequent coat will be affected.

**Note 2:** Due to raw material variations and manufacturing techniques, a slight colour / batch difference may occur.

**Note 3:** All above values are approximate and may be used as a guideline for specifications.

**Technical Data:**

Title	Standard	Value
<b>Density (Mix)</b>	@23°C	Approx. 1.20 g/cm <sup>3</sup>
<b>Solids Content</b>	-	Approx. 45%
<b>Abrasion Resistance</b>	ASTM D4060 (Taber /1kg/1000 cycles)	40 mg weight loss
<b>Temperature Resistance</b>	-	Wet: Max. 40°C Dry (short-term): 80°C

**Packaging:**

10 kg kits (7.5 kg part A + 2.5 kg part B)

**Storage:**

12 months in sealed original containers under dry conditions and a temperature of 15 - 25°C. Crystallization may occur at temperatures below 15°C. Please consult HEGSEL!  
Protect from heat and freeze!

## 1. Surface Preparation

The protected surface that is to be sealed must be in a sound condition and of good quality in general. The surface must be clean, dry and free of oil, fat and any other contaminants which impair the adhesion. Additionally, the self-levelling coating applied should be sufficiently cured to withstand foot traffic.

## 2. Mixing

Before mixing, make sure that both the base and hardener temperatures are between 15°C - 25 °C. Mix the material using a suitable low speed electric mixer (300 - 400 rpm) for at least 3 minutes or until a homogeneous mixture has been achieved. Transfer the mixed material into a clean container and continue mixing for at least an additional minute. Mix only the amount of material that can be utilized within its pot life period.

## 3. Environmental Conditions

Prior to the application of the coating, make sure that the ambient and surface temperatures range from 12°C to 30°C. Both elevated and reduced temperatures will impact the consumption per square meter. Note that the temperature of air must be min 3°C above the dew point. Additionally, ensure that the relative humidity be in the range under 75% at 12°C and 85% at >23°C before, during, and after surface preparation, application and curing process.

## 4. Application Tools

For achieving an acceptable finish, use an appropriate short-haired paint roller (nylon, 6 - 8 mm). To spread **HEGGEL Coat 195** evenly, utilize a rubber squeegee.

## 5. Application

Distribute the mixture onto the surface immediately after ensuring it is thoroughly mixed and homogeneous.

Avoid overlapping wherever possible. Only the use of a paint-roller may lead to a finish with shadows, typically caused by uneven thickness (WFT). If the application is interrupted for any reason, tape the edges of the applied material. After approximately 1 hour, remove the tape and you will notice that a well-defined seam has been created.

Regular professional maintenance will enhance the longevity of the flooring system.

**N/B:** Mechanical wear and tear can impact the surface's aesthetic quality, leading to pale scratch marks over time.

## 6. Chemical Resistance

Acetic acid 5%	resistant
Acetic acid 10%	short-term
Ammonia 5%	resistant
Boric acid 4%	resistant
Citric acid < 10%	resistant
Distilled water	resistant
Formaldehyde 37%	resistant
Formic acid 2%	resistant
Formic acid 5%	short-term
Hydrochloric acid 10%	resistant
Hydrochloric acid 30%	short-term
Lactic acid 10%	resistant
Methylene chloride	short-term
Nitric acid 10%	resistant
Petrol / Super	resistant
Phosphoric acid 25%	resistant
Saline solution	resistant
Sodium lye 50%	resistant
Sulphuric acid 40%	short-term

Tannic acid solution	resistant
Xylene	short-term

Examined with **HEGGEL Coat** coatings, as there exists a direct relationship between the thickness of the topcoat and the chemical resistance of the coating layer. we recommend to consult us prior to application.

## 7. Safety Measures

**HEGGEL Coat 195** contains solvents. Inadequate ventilation may necessitate the use of appropriate respiratory gear. Avoid inhaling vapors and direct skin contact. Wear protective clothing, gloves, and eye/face protection. Ensure sufficient ventilation in the workspace. If the product comes into contact with the skin, wash it off immediately with plenty of water and soap. In case of eye contact, rinse with plenty of water and seek medical assistance. Refrain from eating, drinking, or smoking while using the product, and keep it away from sources of ignition.

The material safety data sheets of the individual components, the safety instructions on the packing (label) as well as the legal requirements for handling hazardous materials must be observed.

## 8. EU Directive 2004/42 (Decopaint - RL)

According to the EU Directive 2004/42/EG the maximum allowed content of VOC (Product category All / j / type SB) is 500 g/L (Limit 2010) for the ready to use product. This product is in accordance with the EU Directive 2010.

**HEGGEL Coat 195**; Revision No: 0.00 / Last Revision Date: 19.09.2023

All information contained herein is based on the current state of our knowledge and practical experience at the time of release. Therefore, please make sure that this is the latest edition of the Technical Data Sheet. All data are only intended as a guideline for informational purposes and do not constitute a legally-binding warranty of the suitability for a certain purpose of use, due to its dependence on site conditions and possible processing, use and applications. All information contained in this technical datasheet is subject to change without notice.

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