

## PRO PROTEC GLOSS TECHNICAL SHEET

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### PRO PROTEC GLOSS

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**PRO PROTEC GLOSS** – is a two-part, clear polyaspartic coating with a glossy finish. This durable coating provides outstanding resistance to scratches, chemicals, UV light, and abrasions. Fast curing and easy to apply. As this system adds further durability and protection, it is particularly well suited to high-traffic areas - both commercial and industrial environments, basins and sinks, niche areas in wet rooms and bathrooms. It is especially effective in helping to protect against oil staining and minor chipping.

#### PRODUCT CHARACTERISTIC / KEY FEATURES

- Glossy finish
- High scratch and abrasion resistance
- UV resistant (won't yellow in sunlight)
- Fast curing
- Easy application
- Good adhesion
- Low viscosity

#### MAIN BENEFITS

- Long-lasting performance
- Suitable for heavy-duty use
- Excellent protection against wear and impact

#### PACKAGING

Component "A" – 1.1 L .  
Component "B" - 0.9 L

## CONSUMPTION

Consumption 2 L (Component A+ Component B) – circa 25 sqm per one layer / 12.5 sqm per two layers - depending on thickness applied and substrate conditions.

## TECHNICAL DATA

Property	Value
Pot Life	5–30 minutes
Solids Content	~70%
Light Traffic	2 hours (at 25°C)
Heavy Traffic	10 hours (at 25°C)
Full Chemical Cure	7 days
Abrasion Resistance	95 mg (Taber, CS 17/1000/1000)
Impact Resistance	>9.8 N/mm <sup>2</sup>
Mixing Ratio	1.1 : 0.9(A:B, by weight)
Coverage	25 sqm per 2L ( A+ B)

## APPLICATION

### Substrate Preparation:

- Ensure the surface is clean, dry, and free from dust and grease.
- Concrete must have a compressive strength of at least 25 N/mm<sup>2</sup> and a tensile strength of 1.5 N/mm<sup>2</sup>.
- Maximum substrate relative humidity: 80%.
- Prepare surface by diamond grinding, shot blasting, or sanding. Vacuum thoroughly.
- Do not apply if ambient or substrate temperature is below 15°C or above 30°C, or if humidity exceeds 80%.
- Temperature must be at least 3°C above dew point.
- Do not apply to substrates with rising damp without a vapor barrier.
- Open or porous substrates may require priming.
- If humidity RH >75%, use HYDRO EPOXY PRIMER.

## MIXING INSTRUCTIONS:

1. Mix Component A thoroughly, then add Component B and mix with a low-speed mixer (300–400 rpm), avoiding air bubbles.
2. If applying over epoxy or polyurethane, apply before the previous layer is fully cured; don't exceed 200 g per layer.
3. Apply two coats with a solvent resistant roller, waiting 2–4 hours between coats (2hrs at 25°C), however, under typical UK conditions and temp around 19-21 C, a drying time closer to 4 hours should be expected.
4. Do not exceed recommended amount per coat to allow for proper curing.
5. Application of Pro Protect over Protector Dur Matt/Satin: Ensure that Protector Dur Matt/Satin is fully cured before applying Pro Protect. As best practice, apply Pro Protect the day after Protector Dur Matt/Satin has been applied.
6. Application of Protector Dur Matt/Satin over Pro Protect: Make sure Pro Protect is fully cured prior to application. This will generally require 2–4 hours, but under typical UK conditions, we recommend allowing 4 hours.

## Tips:

- Only mix what you can use in 10–15 minutes.
- Clean tools with solvent immediately after use.
- Use only electric heaters if heating is needed.
- If applying on epoxy or polyurethane, ensure the previous layer is fully cured.
- To achieve a matt finish, apply one coat of polyurethane matt sealer - Protector DUR Matt, followed by one coat of polyaspartic sealer, and then a final coat of polyurethane matt sealer.

**Important:** Due to its chemical properties, polyaspartic sealer can slightly deepen the colour of microcement by around one tone. This effect can be more noticeable on lighter shades.

To help minimise this darkening, we recommend first applying one coat of **Protector DUE Matt or Satin** polyurethane sealer, followed by the application of the **Pro Protec** polyaspartic sealer.

## Storage:

- Store in closed, original containers in a dry, covered place.
- Avoid freezing and temperatures above 30°C.
- Shelf life: 12 months if unopened.

## Safety Precautions:

- In case of eye contact, rinse with water and seek medical advice.
- Wash skin with warm water and soap after use.
- Avoid release into the environment.
- Use suitable protective equipment.

**NOTE:** Instructions of use are given based on our testing and knowledge and do not imply any commitment. The responsibility is limited to the value of the used goods supplied.

ClaudiCemento LTD reserves the right, if necessary, to vary any of the information without notice. This information is intended to guide the safe and effective use of the product and all operations involving this product should conform to local regulations and guidelines.

ClaudiCemento