

Epoxy-Filler HP-E30S

- Epoxy based filler-system-



The Epoxy-System HP-E30S is a filled two component combination of resin and hardener with fine extenders.

Features & Benefits:

- Very good adhesion to wood, steel, polyester and other surfaces provided with suitable primers
- Water vapour impermeable
- Resistant to various chemicals
- Among others, usable for osmosis treatment
- Easy to sand
- Semi-flexible
- Suitable for permanent immersion in (sea) water
- Dust dry after approx. 120min

Product Properties:

| | | |
|---|-----------|---------------------|
| Colouring | | Light green - mat |
| Mix Ratio (Resin : Hardener) | [Weight] | 100:50 |
| | [Volume] | 100:50 |
| Working Time / Pot Life (at 20°C) | [Minutes] | 30 |
| Dust dry after (at 20°C) | [h] | 2 |
| Recoating interval (at 20°C) (at 25°C) | [h] | 48 |
| | [h] | 24 |
| Working Temperature (minimum) | [°C] | 15 |
| Working Temperature ground (minimum) | [°C] | 3 |
| Viscosity | | pasty |
| Density (at 20°C) | [g/m³] | approx. 1,5 (mixed) |
| Solid Content | [%] | approx. 100 |
| Flash Point (DIN 53213) | [°C] | > 100 |

Substrate Condition:

| | |
|--|--|
| Steel | Dry and free from any contamination such as rust, grease, oil and loose particles and pre-treated with our primer HP-E80FS |
| Wood | Dry and free from any contamination such as grease, oil and loose particles, moisture content maximum 6-8%, pre-treated with our primer HP-E80FS and sanded with grit paper P120 |
| Composite Materials (e. g. Epoxy, Polyester, ...) | Dry and free from any contamination such as grease, oil, loose particles, sanded with grit paper P120-180 and cleaned with acetone (HP-AC) |
| Other Substrates | Clean and dry, in good condition, free from any contamination and loose particles, sanded with grit paper (P120-180) and pre-treated with our primer HP-E80FS |

Consumption: 1,1kg/m² at a layer thickness of 500µm (dry). The practical spreading rate depends on a number of variables, such as: shape and surface, the condition and profile of the substrate, the method of application, climatologic conditions and skill of labour.

Application Instructions:

We recommend tests be performed for trials and suitability for the particular type of application. The system should only be used in the optimum temperature conditions. The relative air humidity should not be above 70%. In respect of the safety instructions the epoxy and hardener should be mixed in a suitable mixing vessel in accordance with characteristics given in the data sheet. Deviating from the mixing recommendations can lead to incomplete hardening and through that loss of performance.

Ensure that the edges are well mixed using a stirring stick or a propeller type mixer. Localized signs of hardening indicate insufficient stirring and mixing of the components. Mixing of larger amounts (more than 100g) and higher temperatures (higher than 20°C) reduce the pot life time.

Note: If the temperature in the process goes above 40°C then it is not possible to continue further, as the process will lead to a loss of certain characteristics and properties. Increases in temperature can be reduced by pouring the mixture into flat painting trays.

Cleaning work tools:

Unhardened product remains can be removed from tools by means of acetone or Thinner XB. Tools should be given a good airing after being cleaned with these solvents, in order to prevent the solvent from being retained until the tool is used again in a process. Hardened remains can only be removed by mechanical means.

Storage:

Threaded container tops should be kept free of material remains. Do not exchange tops/lids. With optimal storage conditions, shelf-life should be beyond 12 months.

Deliverable quantities:

Metal containers in several quantities.
Larger containers can be obtained upon request.

Disposal:

Do not dispose of through the sewerage system, on areas of open water, or in the soil. Non-hardened remains of the product should be disposed of as hazardous waste. The hardened product waste should be treated as building rubbish or household rubbish.

Further Information:

Further application information can be obtained from our internet site, by selecting product info on the homepage. Please do not hesitate to contact us by telephone if you have further queries.

Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. It is the user's responsibility to determine for himself the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material supplied by us. We recommend tests be performed for trials and suitability for the particular type of application.

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