

**Application:** HP adhesion promoter, in combination with our Plastifloor® coating resins, enables coating on hot-dip galvanized and bare metal surfaces and serves as an adhesion primer for ceramic tiles.

**Characteristics:** Adhesion Promoter HP improves adhesion to metallic and ceramic substrates. Due to its highly corrosive properties, Adhesion Promoter HP should be stored in its original container and mixed into the Plastifloor® resins only immediately prior to application. Plastifloor® resins containing Adhesion Promoter HP are not shelf-stable!

**Characteristics of the delivered product:**

| Characteristic          | Measurement method                        | Approximate value     |
|-------------------------|-------------------------------------------|-----------------------|
| Density D <sup>20</sup> | DIN EN ISO 1183-1                         | 1,21g/cm <sup>3</sup> |
| Flash point             | +10 °C                                    |                       |
| Storage                 | only in glass or polyethylene bottles     |                       |
| Form of delivery        | Liquid, strongly acidic                   |                       |
| Shelf life              | In the dark at < 20 °C: maximum 6 months. |                       |
| Delivery Container      | 25 kg Bucket ,<br>1 kg, 5 kg Canister     |                       |

**Additional quantity:** 0.2 to 0.3 wt.% (based on pure Plastifloor® resin).

**Standard Formulations:**

1. Coating on sheet iron (degreased, blasted): approx. 1–2 mm

|          |                                |
|----------|--------------------------------|
| 100,0 GT | Plastifloor® 332               |
| 0,2 GT   | Adhesion Promoter® HP          |
| 3,0 GT   | Hardener Powder 50 W (BPO 50%) |

Broadcast the surface with corundum or quartz sand (0.5 – 1.0 mm).

|                          |                 |
|--------------------------|-----------------|
| Pot life (20 °C)         | approx. 20 min  |
| Time of Hardship (20 °C) | approx. 60 min. |

Equally good adhesion is also achieved on other metals, such as aluminum., Achieved with copper and galvanized iron.

**2. Coating of ceramic tiles. Prime using the following formulations:**

|          |                                |
|----------|--------------------------------|
| 100,0 GT | Plastifloor® 118               |
| 0,2 GT   | Adhesion Promoter® HP          |
| 4,0 GT   | Hardener Powder 50 W (BPO 50%) |

|                          |                  |
|--------------------------|------------------|
| Pot life (20 °C)         | approx.. 10 min  |
| Time of Hardship (20 °C) | approx.. 35 min. |

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**Oder**

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|          |                                |
|----------|--------------------------------|
| 100,0 GT | Plastifloor® 118               |
| 0,5 GT   | Adhesion Promoter® HP          |
| 0,3 GT   | Accelerator B 101              |
| 4,0 GT   | Hardener Powder 50 W (BPO 50%) |

|                          |                 |
|--------------------------|-----------------|
| Pot life (20 °C)         | approx. 10 min  |
| Time of Hardship (20 °C) | approx. 40 min. |

After this layer has cured, any desired topcoat—e.g., using Plastifloor® 332 or Plastifloor® 418—can be applied..

**Notes:**

The addition of Adhesion Promoter HP to Plastifloor® resins results in a delayed curing time and a more pronounced yellowing of the products. We therefore recommend that, in cases involving higher additions of Adhesion Promoter HP (> 0.5%) or temperatures below 20 °C, an additional 0.2 to 0.3% of Accelerator 101 be added, and that the hardener content also be increased to 3–4%.

**Occupational  
Safety:**

Ensure adequate ventilation during processing. The regulations of the LASI (State Committee for Occupational Safety) must be observed. Please read and follow the instructions provided in our safety data sheets.

**VbF :** A I

**HS-Code:** 3824 9992

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|----------------------------------------------------------------------------------------|
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| Plasti Chemie Produktionsgesellschaft mbH • Falgarding 1 • 08223 Falkenstein • Germany |
| EN 13813, SR-B2, 0-AR0, 5-IR12                                                         |
| Plastifloor® Adhesion Promoter HP                                                      |
| Application in accordance with the latest technical information                        |

## CE-Labeling

Our information regarding our products, equipment, systems, and processes is based on extensive development work and practical application experience. We provide these findings—for which we assume no liability extending beyond the scope of the respective individual contract—both verbally and in writing to the best of our knowledge; however, we reserve the right to make technical modifications in the course of product development. Nevertheless, this does not absolve the user of the responsibility to independently verify the suitability of our products and processes for their own specific application. This also applies with regard to the observance of third-party intellectual property rights, as well as to applications and procedures that have not been expressly authorized by us in writing.