

Painting in a New Dimension.



Permahyd®
HI-TEC

Spies Hecker – simply closer.

**SPIES
HECKER**

Enter the New Dimension.



Your future starts now!

Hi-TEC – the new Spies Hecker waterborne Base Coat 480.

Your work revolves around the paint system. As a vital part of your work process, it should be easy to apply and yield reliable results. In this connection, Permahyd® Hi-TEC 480 from Spies Hecker marks a breakthrough in the refinishing sector. Permahyd® Hi-TEC Series 480 sets new standards of ease of application, process time and versatility. Benefits that will delight all refinishers using it for the first time.

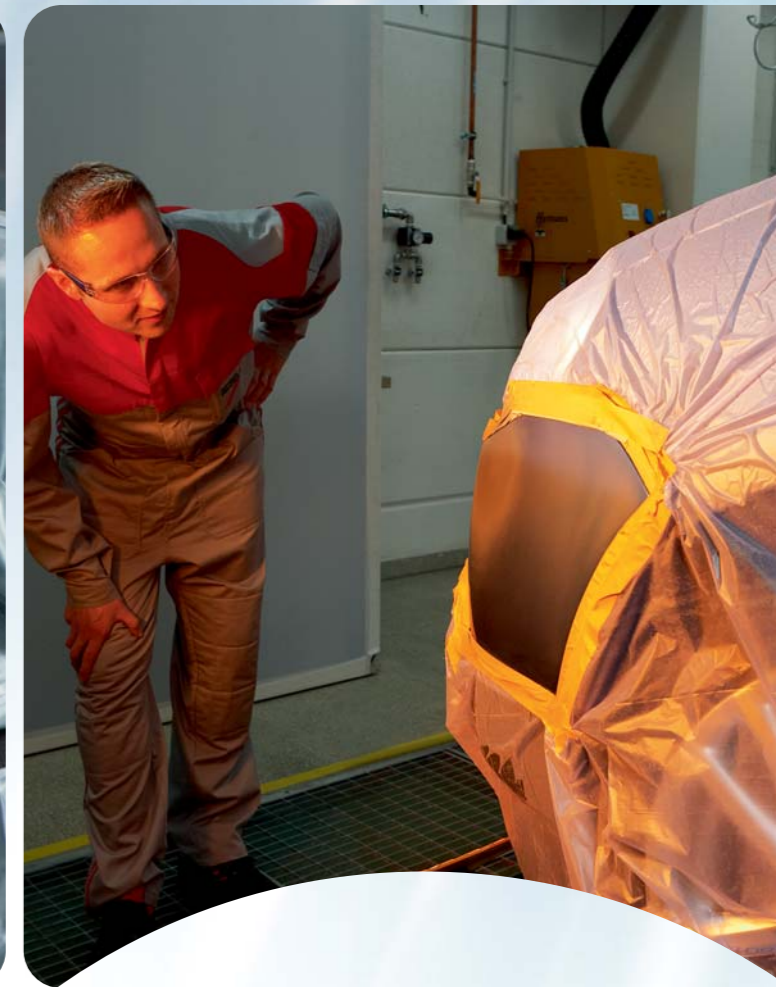
Permahyd® Hi-TEC 480:

1. Quick and easy to apply.
2. Highly reliable results thanks to its uniform effect.
3. Short process times.
4. Simple and reliable blending-in.
5. Greater flexibility for interior, multi-coat and multi-colour finishes.

Hi-TEC is progress.

Permahyd® Hi-TEC combines the knowledge from our research and development departments with the experience of our technicians from over 50 countries. The new Permahyd® Hi-TEC system is based on a totally new, patented waterborne base coat technology. These futuristic mixing colours create an exceptionally uniform effect. Many colours are supplied in a more highly pigmented form, thus yielding outstanding coverage. What's more, Hi-TEC can be mixed with Permahyd® Hardener, which proves highly beneficial for interior and multi-coat paintwork. When adjusting the material's viscosity, a specially developed additive helps to optimize spraying characteristics.





Hi-Five.

Five advantages that really count.

1. Hi-TEC:

- Quick and easy application.

To adjust the viscosity of Hi-TEC Base Coat, only a special additive (WT 6050) is required – and work can start.

Thanks to its outstanding flow, Hi-TEC Base Coat is easy to apply and achieves excellent surface wetting. At the same time, it also displays high vertical stability and excellent opacity. Hi-TEC Base Coat is applied in a single spray pass, without flash-off between coats. This minimizes unnecessary waiting.

Its extremely easy application yields immediately visible and also reliable painting results.

2. Hi-TEC:

- Reliable results.

What's new about patented Hi-TEC technology is visible in the paint finish. Extremely fine aluminium pigments create a uniform effect with all metallic and pearl effect colours. Hi-TEC colours can also be accurately reproduced. This becomes apparent when refinishers achieve virtually identical results with different spray guns and different application techniques.

3. Hi-TEC:

- Short process times.

Permahyd® Hi-TEC flashes off astonishingly quickly. The painted surface can be processed further without delay. Immediately after flash-off, the refinisher can dust the object, remove dust particles or sand the surface. This way, Permahyd® Hi-TEC optimizes the work process in your bodyshop. Another advantage for multi-colour finishes is that the paint film can be masked and recoated immediately after flash-off.



“Incredible how easy Permahyd® Hi-TEC is to apply.”

4. Hi-TEC:

- Easy to blend in.

When blending-in, the aim is to achieve an absolutely smooth fade-out zone with as little effort as possible. Hi-TEC has been optimized with precisely this goal in mind. Blend-in Additive 1050 is applied undiluted to the transition zone, where it wets the surface thoroughly. Hi-TEC Base Coat is sprayed straight onto the wet film of Blend-in Additive. This step ensures a uniform work process. In addition, overspray is reduced and you achieve extremely gentle fade-out.

5. Hi-TEC:

- Greater flexibility.

New trends in the automotive sector often confront the refinisher with major challenges, e.g. regarding interior, 3-coat or multi-colour finishes. Hi-TEC has the perfect answer. By adding a special hardener, you can reliably reproduce OEM paintwork. Permahyd® Hardener 3080 ensures optimum hard-drying of the intermediate paint films and outstanding resistance to chemical and mechanical aggression.

Repairs of multi-colour or design finishes, as frequently required on company cars or buses, can thus be quickly and easily executed with Permahyd® Hi-TEC.

Hi-TEC. Digital colour management.

Measure the colour, search for the formula and mix the colour – Spies Hecker has the right tool for each work step. Everything is geared perfectly to Permahyd® Hi-TEC 480.



- **ColorDialog spectro.**

The colour is analysed at the vehicle in a matter of seconds. Via 3 angles, the ColorDialog searches for the colour that matches best. With the new “multiple correction” mode, the refinisher’s application conditions can also be included. The instrument also checks the sample panel and corrects the colour formula, if necessary. Easy to apply – terrific!



- **CRplus.**

The CRplus colour search program evaluates the electronically imported data and displays a colour formula in a matter of seconds. In addition, the new program modules present a clear overview of quantities used, current stocks and orders. Processes in the mixing room can thus be controlled even better.



“Having introduced Hi-TEC, I now rely entirely on digital support when searching for colours – I don’t want to leave anything to chance.”

Hi-TEC. Adapted accessories.



• **ColorTint scales.**
Forward-looking technology for accurate colour mixing.



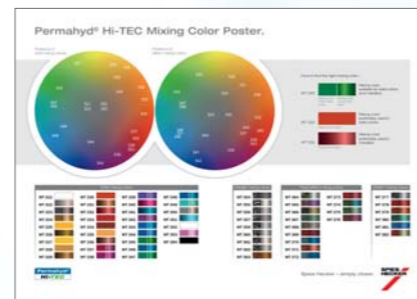
• **Barcode Reader.**
The colour codes can be read-in quickly and conveniently from the back of the Hi-TEC Variant Index.



• **Hi-TEC Varianten Index.**
All variants are neatly stored in a compact metal cabinet. The colour chips are painted with original Permahyd® Hi-TEC.



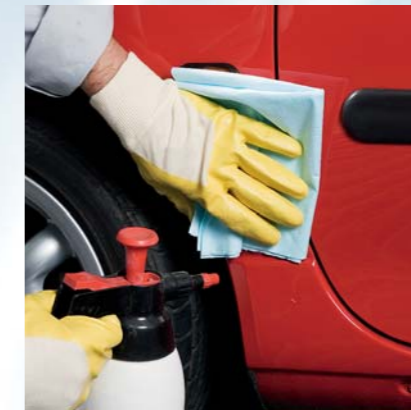
• **Mixing colour stickers.**
No mixing colour mix-ups. Each paint can has its own place. In addition, the stickers display clear information on the colour and pigment structure.



• **Mixing colour poster.**
All mixing colours are neatly presented. The colour positions are precisely defined.



• **Mixing stick.**
For standard mixes, Speed Repair and multi-coat finishes, there’s a matching mixing stick.



• **High-performance cloths.**
The right materials for cleaning and degreasing substrates and for high-quality polishing work.



• **Workshop poster.**
For rapid familiarization with Permahyd® Hi-TEC there are various practical posters that neatly present each work step.

Hi-TEC. Coming to your bodyshop soon.

1. Attendance of Hi-TEC training at the Spies Hecker Training Centre.
2. Customized Hi-TEC training on your premises.
3. Supply of the colour software and Hi-TEC accessories.
4. ... and off you go!



• **Marketing poster.**
Decorative and eye-catching: The poster for your reception area.

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