



Technical Data Sheet.

Permahyd® Hi-TEC Performance Component WT 455



Hi-TEC Performance Component WT 455 gives a superior topcoat appearance. It also improves handling with easier application and a more uniform surface. It is recommended for solid colours only. Especially in extreme (low humidity) climate conditions Performance Component WT 455 enhances a perfect surface appearance even under non optimal paint conditions.

- Due to a better and more homogenous wetting of the basecoat on the substrate, the application becomes easier.
- Easier use of tack rag right after flash off time.
- Supports a silky smooth basecoat appearance.
- Use in solid colours only.
- Better clearcoat appearance.
- At extreme climate conditions (low humidity) Hi-TEC Performance Component WT 455 ensures a better film formation and avoids surface defects.

For professional use only!

Spies Hecker simply closer.



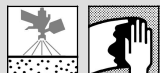
An Axalta Coating Systems Brand

Permahyd® Hi-TEC Performance Component WT 455

Product preparation - application with Performance Component WT 455



It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Refer to the original Permahyd Hi-TEC Base Coat 480 TDS of the selected quality.



for 2-stage colors		Basecoat	Performance Component*	Additive
		Permahyd Hi-TEC Base Coat 480	WT 455	WT 6050 / 6052
Standard	Solid colours	100	10%	10%
Standard	Effect colours	100	-	20%

for 3-stage colors		Basecoat	Performance Component*	Hardener	Additive
		Permahyd Hi-TEC Base Coat 480	WT 455	3080	WT 6050 / 6052
Standard	Solid colours	100	10%	-	10%
2K Hardened	Solid colours	100	10%	5%	10%
Ground coat	Blend-in Additive 1050 / 1051	100	-	5%	-
Standard	Effect colours	100	-	-	20%
2K Hardened	Effect colours	100	-	5%	20%

Super High effect Aluminium colours (containing WT305)		Basecoat	Performance Component*	Additive
		Permahyd Hi-TEC Base Coat 480	WT 455	WT 6052
Standard	Effect colours	100	-	50%

With Permahyd Hardener 3080		Basecoat	Performance Component*	Hardener	Additive
		Permahyd Hi-TEC Base Coat 480	WT 455	3080	WT 6050 / 6052
Permasolid HS Speed Clear Coat 8810	Solid colours	100	10%	5%	10%
Permasolid HS Speed Clear Coat 8810	Effect colours	100	-	5%	20%
Permasolid HS Speed Clear Coat 8810	Blend-in Additive 1050 / 1051	100	-	5%	-
Underhood / interior	Solid colours	100	-	10%	10%
Underhood / interior	Effect colours	100	-	10%	20%

* Stir well after adding Performance Component WT 455
Do not use Performance Component WT 455 in high humidity climate >50% rel. humidity.



Refer to the original Permahyd Hi-TEC Base Coat 480 TDS of the selected quality.
Use within same working day. Colours should be stored without the addition of the Performance Component WT455.



	Spray nozzle	Spray pressure	
Compliant	1.2 - 1.3	1.8 - 2 bar	Refer to the original Permahyd Hi-TEC Base Coat 480 TDS of the selected quality.
HVLP	1.2 - 1.3	0.7 bar	Refer to the original Permahyd Hi-TEC Base Coat 480 TDS of the selected quality.

see manufacturer's instructions



1.5 coats

Refer to the original Permahyd Hi-TEC Base Coat 480 TDS of the selected quality.



For drying options, see details page.



Clearcoat

VOC compliant

2004/42/II(B)(d)(420) 420: The EU limit value for this product (product category: IIB(d)) in ready to use form is maximum 420 g/l of VOC. The VOC content of this product in ready to use form is maximum 420 g/l.

Permahyd® Hi-TEC Performance Component WT 455

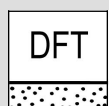
Products

Permahyd® Hi-TEC Performance Component WT 455

Product mix



Mixing ratios with special agents are available in the productmix table on Phoenix and in the specific TDS.



12 - 25 µm



Refer to the original TDS of the selected quality.



Clean after use with a suitable waterborne guncleaner.

Remarks

- Stirring of Performance Component WT455 on mixing machine is not recommended. Gentle shake before use.
- Performance Component WT455 is designed to use in critical conditions, e.g. low humidity and forced drying.
- Do not use Performance Component WT455 in high humidity climate >50% rel. humidity.
- For the course of all relevant application processes, please refer to the original Permahyd Hi-TEC Base Coat 480 TDS.
- After adding Performance Component WT455 to the Permahyd Hi-TEC Base Coat 480, make sure that this mixture is stirred well before adding WT 6050 / 6052.

Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.

All other products referred to in the refinish build up are from our Spies Hecker product range. System properties will not be valid when the related material is used in combination with any other materials or additives which are not part of our Spies Hecker product range, unless explicitly indicated otherwise.

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