

Technical Data Sheet.

Permacron® MS Express Hardener.

3333
3344 fast
3355 extra fast

Permacron® MS Express Hardeners new are polyisocyanate hardeners for two-pack products from our 2K-Acryl-System.

They are highly reactive, easy to use and accelerate the completion of the drying process for:

Permacron® Automotive Top Coat Series 257

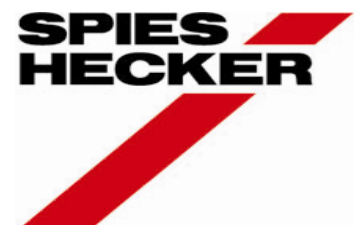
Permacron® / Permasolid® 2K acrylic surfacer

Permacron® 2K clear coat

Having three versions means that all painting conditions can be optimally catered for and highly reliable application is guaranteed.

For professional use only!

VR Technical Data Sheet No. EN / 3333_3355 / 00



Application.

Possible base materials:

Permacron® Automotive Top Coat Series 257
 Permacron® / Permasolid® 2K acrylic surfacers
 Permacron® 2K clear coat

Field of application:

1. **Permacron® MS Express Hardener 3333**
 Suitable for full and partial refinishes, even at high temperatures.
2. **Permacron® MS Express Hardener 3344 fast**
 Suitable for full and partial refinishes at normal temperatures.
3. **Permacron® MS Express Hardener 3355 extra fast**
 Suitable for partial refinishes at low temperatures and low volumes of outgoing air in the spray booth.

Mixing ratio:





See Technical Data Sheet of the respective base material.

Selection of hardeners	MS Express Hardener 3333	MS Express Hardener 3344 fast	MS Express Hardener 3355 extra fast
Full or partial refinish (large objects)	++	+	--
Partial refinish (spot repairs)	+	++	++
High temperature above +25°C	++	-	--
Normal temperature +20°C to +25°C	++	++	-
Low temperature +15°C to +20°C	-	+	++
low baking	++	++	+
air drying	+	++	++
Permacron® MS Dura Plus 8580	+	+	+
Permacron® Reducer 3364	+	+	+

++ ideal
 + suitable

- not particularly suitable
 -- unsuitable

Data.	MS Express Hardener 3333	MS Express Hardener 3344 fast	MS Express Hardener 3355 extra fast
Density	0.99 g/cm ³	0.98 g/cm ³	0.98 g/cm ³
Flash point:	+24 °C	+24 °C	+24 °C
Storage.			
Storage conditions:		Do not store in damp conditions.	
		After use, replace container lid immediately, ensuring an airtight seal.	

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The relevant Material Safety Data Sheet and Warnings displayed on the product label need to be observed.

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