



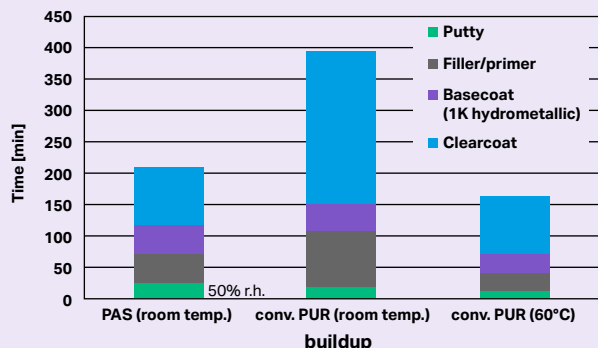
Pasquick®: Two-component fast-curing polyaspartic technology for automotive refinish coatings.

Pasquick®



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Cutting application time with Pasquick®



Technology-optimized bodyshop throughput:

For a quick repair process, polyaspartic-based clearcoats cure in minutes and much faster than standard 2K polyurethane topcoats. Low-odor knifing putties based on highly reactive aspartates and low-viscosity polyisocyanates can be formulated for easy application, rapid dry sandability and good adhesion to metal. Primer surfacers based on this technology are characterized by extremely fast-drying sandability. For manufacturers of repair coating systems looking for efficiency improvements in the whole repair process, these systems offer substantial savings in both cycle times and energy consumption while fulfilling end users' high quality requirements.

In short, **Pasquick®** refinish coating systems are "speed in a can"!

Desmophen® CQ NH 1523 LF and Desmophen® CQ NH 1423 LF:

Expanded low FADEE* content polyaspartic ester portfolio to offer solutions in line with refinish requirements and upcoming regulations.

Desmophen® CQ NH 1423 LF in combination with Desmophen® CQ NH 1523 LF produce fast-drying ambient curing clearcoats.

- Prolong the potlife and application robustness under high temperature humidity conditions
- Bring better color stability
- Improve industrial hygiene standards thanks to a FADEE content below 0.1%

* FADEE = Fumaric Acid di-Ethyl Ester

Products:

Desmophen® CQ NH polyaspartic esters are low-viscosity aminofunctional resins developed for use in high solids 2K refinish coatings. Advanced combination partners for aspartates are newly developed **Desmodur® ultra N** aliphatic polyisocyanates. The most comprehensive raw material portfolio from Covestro offers unique formulation opportunities for coatings:

- Fast drying at room temperature without need for extra oven time
- Low-viscous, very high solids systems (up to 250 g/l VOC)
- Flexible but scratch-resistant
- UV-stable and weather-resistant

A selection of recommended products for polyaspartic systems in automotive refinish coatings:

Product	Description	Reactive groups (approx. content)	Properties
Desmophen® CQ NH 1423 LF	Aminofunctional coreactant – standard and low FADEE content	NH value 205	Similar to NH 1420, improved industrial hygiene. Better color stability in clearcoat applications and improved application robustness
Desmophen® CQ NH 1523 LF	Aminofunctional coreactant – low reactivity and low FADEE content	NH value 200	Similar to NH 1520, improved industrial hygiene. Better color stability in clearcoat applications and improved application robustness
Desmophen® CQ NH 1420	Aminofunctional coreactant – standard	NH value 201	Medium reactivity, fast drying
Desmophen® CQ NH 1520	Aminofunctional coreactant – low reactivity	NH value 191	Low reactivity, coresin – expanded working time
Desmophen® CQ NH 1723 LF	Low reactivity – low viscosity	NH Value 195	Coresin for increased flexibility, improved industrial hygiene
Desmodur® ultra N 3600	Low-viscous HDI trimer – standard	NCO 23.0%	Standard crosslinker with balanced properties
Desmodur® ultra N 3790	BA high-functional HDI trimer	NCO 17.8%	Fast drying, high functionality and chemical resistance
Desmodur® ultra N 3900	Low-viscous HDI trimer – lowest viscosity	NCO 23.5%	Low-viscous crosslinker with high crosslinking density
Desmodur® N 3580 BA	High-functional HDI allophanate/trimer	NCO 15.4%	Fast drying, highest functionality and chemical resistance

The manner in which you use our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, is beyond our control. Therefore, it is imperative that you test our products to determine suitability for your processing and intended uses. Your analysis must at least include testing to determine suitability from a technical, health, safety, and environmental and regulatory standpoint. Such testing has not necessarily been done by Covestro, and Covestro has not obtained any approvals or licenses for a particular use or application of the product, unless explicitly stated otherwise. [EMEA only: If the intended use of the product is for the manufacture of a pharmaceutical/ medicinal product, medical device¹ or of pre-cursor products for medical devices or for other specifically regulated applications which lead or may lead to a regulatory obligation of Covestro, Covestro must explicitly agree to such application before the sale.] Any samples provided by Covestro are for testing purposes only and not for commercial use. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information, including technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed by you that you assume and hereby expressly release and indemnify us and hold us harmless from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent. These values are typical values only. Unless explicitly agreed in written form, they do not constitute a binding material specification or warranted values.

¹Please see the "Guidance on Use of Covestro Products in a Medical Application" document. Edition: 2025



Covestro Deutschland AG
Business entity Coatings & Adhesives
Kaiser-Wilhelm-Allee 60
51373 Leverkusen
Germany

solutions.covestro.com