



Desmophen® CQ NH Desmodur®

Changing the coatings game:
Pasquick® for high-productivity
applications.



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Infrastructure



The challenge: Higher productivity

Protective coating manufacturers are often challenged when it comes to increasing the productivity of painting operations. This is especially true for the fast-growing market of direct-to-metal (DTM) coatings.

The solution: Pasquick®

Pasquick® is our polyaspartic technology brand. **Pasquick®** technology is a class of binders for high-quality, aliphatic 2K topcoats based on the **Desmophen® CQ NH** and **Desmodur® N** product groups. They can be applied at high film thicknesses, so that the number of layers can be reduced. Since **Pasquick®** binders also cure quickly at room temperature, they are well-suited to boosting productivity in painting operations. The higher the productivity, the more economical the coating process becomes.

Industrial processing



Another advantage of **Pasquick®** binders is their suitability for formulating ultra-high solids. Numerous practical examples of protective coating applications, for example, for wind turbine towers, have proven the advantages of this technology over the past 15 years. By using our high-productivity **Pasquick®** technology you can change the coatings game – to your advantage!

Most suitable Desmophen® CQ NH aspartic products for protective coatings

Polyisocyanate	Solid content [%]	Equivalent weight	Viscosity [mPa · s]	Reactivity
Desmophen® CQ NH 1420	100	276	Approx. 1,450	Medium
Desmophen® CQ NH 1423 LF	100	274	Approx. 1,500	Medium*
Desmophen® CQ NH 1520	100	290	Approx. 1,400	Low
Desmophen® CQ NH 1523 LF	100	280	Approx. 2,000	Low*

*Improved industrial hygiene

Most suitable Desmodur® N polyisocyanates for protective coatings

Polyisocyanate	Solid content [%]	NCO content [%]	Viscosity [mPa · s]	Properties
Desmodur® ultra N 3600	100	23.0	1,200	For ultra-high solids
Desmodur® ultra N 3390	90	19.6	550	For high solids
Desmodur® NZ 486 BA	86	10.2	2,100	For prolonged pot life

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

Edition: 2025



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