



Desmodur® CQ ultra N 7500

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Taking the hassle out of manually applied flooring coatings



A self-leveling hardener made with up to 70% bio-based content for interior and exterior concrete flooring

Visually appealing and wear-resistant flooring is a core part of any successful construction project, but applying the coating needed to protect and decorate concrete flooring can present challenges. For instance, traditional solvent-based coating systems can pose potential safety hazards, requiring users to undergo specific training and certification to transport these chemicals. And when some of the most common bio-based alternatives are used to avoid training and labeling complexities, their high viscosity can make manual applications complex, resource-intensive, and time-consuming.

Reducing carbon emissions, preserving versatility and durability

Recognizing the high demand for fast-drying and easy-to-handle coatings, Covestro developed **Desmodur® CQ Ultra N 7500**: a self-leveling, 68-70% bio-based, and low-viscosity solution. Offering a great balance between elongation, tensile strength, and hardness, **Desmodur® CQ Ultra N 7500** is well suited to concrete flooring in a broad range of environments.

Building on previous iterations of the Desmodur® CQ ultra range, this new solution also has a monomer content of less than 0.1% by weight, so no extra training is required to handle or transport it. Most of all, the low monomer content and viscosity combine to make manual application methods much faster and easier, helping to boost on-site productivity and reduce flooring downtime.

Key benefits of Desmodur® CQ ultra N 7500:

- 68-70% bio-based content (C14-certified)
- Low viscosity: 1,700 mPa·s
- No additional labeling
- Excellent impact resistance and durability

Desmodur® CQ ultra N 7500 at a glance

- Chemical base: PDI derivative
- Bio-based content: 68-70% certified C14 content
- Solids: 100%

Desmodur® CQ ultra N 7500 in context:

PRODUCT NAME	TYPE	BIO-BASED CARBON CONTENT [%]	NON-VOLATILE CONTENT APPROX. [%] (SOLVENT)	VISCOSITY (23°C) APPROX. [mPas]	NCO CONTENT ON SUPPLY FORM APPROX. [%]	RESIDUAL MONOMER CONTENT [wt%]
Desmodur® CQ ultra N 7300	PDI	68-70	100	9 500	21.9	<0.1
Desmodur® CQ ultra N 7390 BA*	PDI	61	90 in BA	1 000	19.9	<0.1
Desmodur® CQ ultra N 7355 BA/SN*	PDI	37	55 in BA/SN	20	12.0	<0.1
Desmodur® CQ ultra N 7200	PDI/HDI based	25	100	2 500	22.6	<0.1
Desmodur® CQ ultra N 7400	PDI/HDI based	25	100	1 900	23.0	<0.1
Desmodur® CQ ultra N 7500	PDI based	68-70	100	1 700	18.5	<0.1
Desmodur® CQ ultra N 7600	PDI based	68-70	100	3 000	19.6	<0.1

*Other solvent variations are available on request



Interested?

Learn more on our Solution Center.



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