



Desmophen® CQ NH Desmodur®

New **Pasquick**® – opens the door to very fast ambient curing in the rail and transportation coatings industry.



## New Pasquick®

### Opens the door to very fast ambient curing in the rail and transportation coatings industry

#### Pasquick® – opens the door to very fast ambient curing

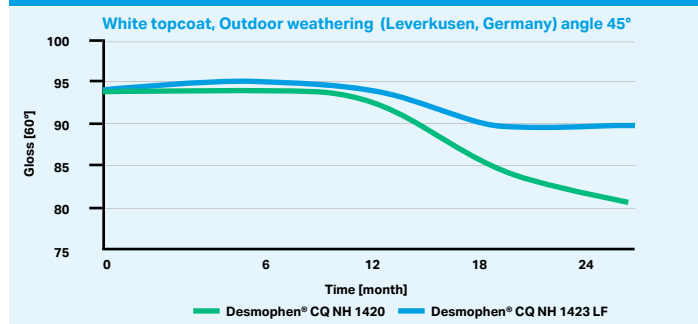
Heating the drying oven up to 60°C is one of the most expensive cost factors in coating rail and other transportation vehicles.

Thanks to our new **Pasquick®** technology, clearcoats and topcoats can be quickly cured at room temperature. Our latest **Pasquick®** developments combine a very fast, ultra-high solid system with excellent industrial hygiene standards.

#### How you benefit from new Pasquick® based on Desmophen® CQ NH 1423 LF and Desmodur® ultra N 3600

- Very fast drying at room temperature with no need for additional oven time:
  - Clearcoat: 30–45 min at room temperature
  - Pigmented topcoat: 60 min at room temperature
- Further improves the industrial hygiene standard of proven polyaspartic technology thanks to a low FADEE\* component (<0.1%) and a reduced residual monomer content (<0.1%) of the polyisocyanate – in line with measures recommended in safety data sheets
- Easily complies with VOC regulation (up to 250 g/l VOC) thanks to low viscous, very high solid systems
- High gloss retention of clearcoat and pigmented topcoats

#### Improved gloss retention of pigmented topcoats. New Desmophen® CQ NH 1423 LF compared to standard Pasquick® formulation.



Polyaspartic technology has proved its worth in various industries for many years (e.g., corrosion protection, construction, automotive). Through using our new **Desmophen® CQ NH** and **Desmodur® ultra** products for ambient-curing **Pasquick®** technology, rail and other transportation vehicles can be coated in a more energy-saving and cost-efficient way, while achieving very high standards in industrial hygiene.

Why not take an in-depth look at the opportunities **Pasquick®** opens up for you and your customers?

Product	Supply form solid content [%]	Approx. equivalent weight	Viscosity at 25°C [mpa · s]	Industrial hygiene improvements
<b>Desmophen® CQ NH 1423 LF</b>	100	272	1,500	Low FADEE* content <0.1%

\* FADEE = Fumaric acid diethylester

#### Most suitable polyisocyanate for rail and transportation coatings

Product	Supply form solid content [%]	Approx. equivalent weight	Approx. NCO content on supply form at 23°C	Viscosity at 25°C [mpa · s]	Industrial hygiene improvements
<b>Desmodur® ultra N 3600</b>	100	185	23	1,200	Residual monomer content <0.1%



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