

FAST DRYING & LONG POT-LIFE  
At the same time.



# HIGH PERFORMANCE ACRYLIC RESINS

FOR 2K PUR COATINGS

 **HELIOS** RESINS



# A PERFECT COMBINATION OF DRYING SPEED AND POT-LIFE

After several years of intensive R&D work, our team has developed a group of high and medium-solid Hydroxyl-Acrylic resins with a super fast dry-to-touch and hardness development, coupled with pot-life of several hours!

## BACKGROUND OF INVENTION

Unlike other new solutions in this very intensive research area, the main chemistry remains the same as the existing 2K PUR Acrylic - Isocyanate system, catalyzed by organo-tin compounds. **No need for adaptations for End-users, just benefits!** The Graph on the right side shows Viscosity vs. Time behavior after mixing the 2K Coating. **NOVEL DOMACRYLs also offer a very stable in-can viscosity in the initial period providing constant working conditions!**

## THE SPECIAL ONES

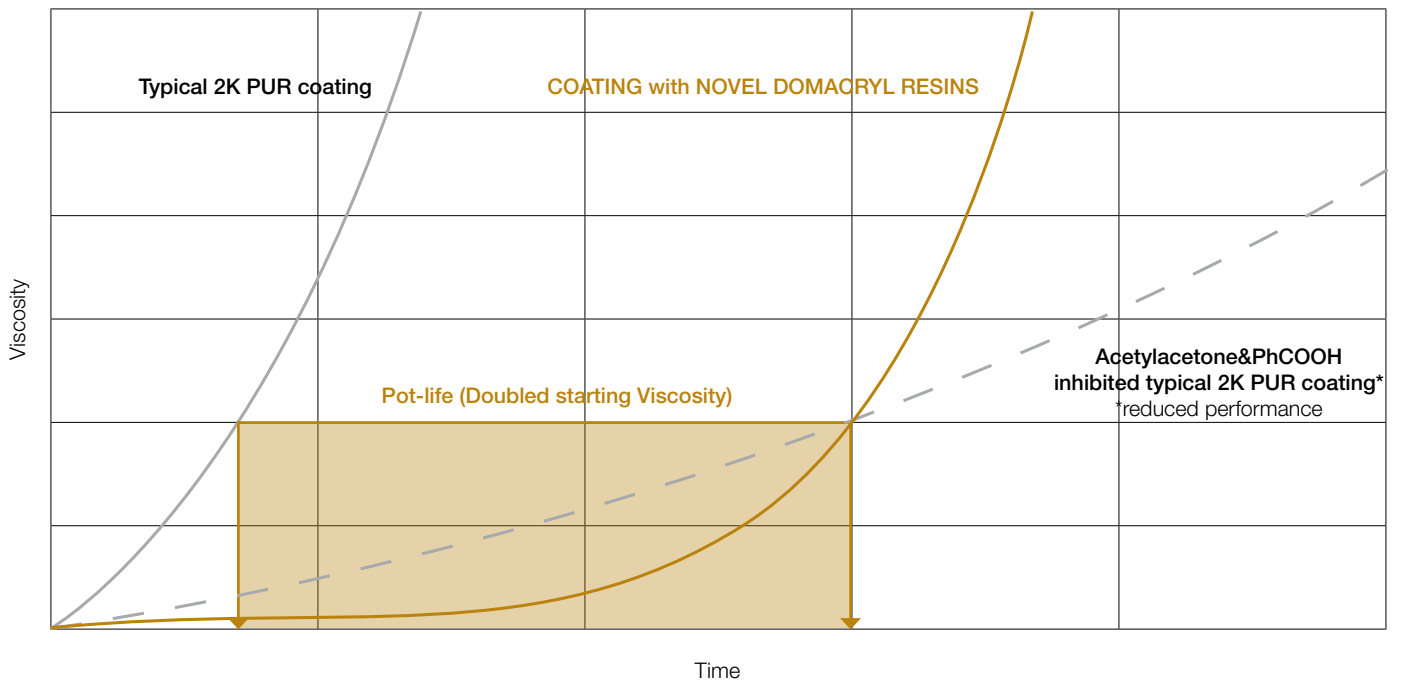
The Group consists of three special resins, which were developed in order to cover wide areas of application demands and cost optimizations. In the Table below an overview of resin properties and application performance is given. For detailed information please see the Technical Data Sheets or contact us.



## HIGHLIGHTS

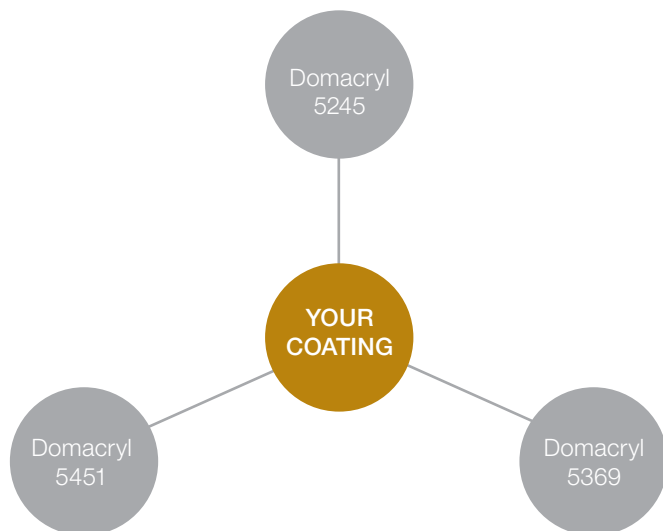
- LONGER pot-life
- CONSTANT working viscosity
- FASTER film-hardness build-up
- TIME & ENERGY SAVINGS
- NO in-can discoloration
- NO change for end users
- SUSTAINABLE

MAIN APPLICATION		MAJOR BENEFIT
HS Car refinish, ACE, Metal coatings	<b>DOMACRYL 5245</b>	best resistance, very high gloss, 15% Bio-based
HS Metal coatings	<b>DOMACRYL 5369</b>	cost efficient
MS Metal and Wood coatings	<b>DOMACRYL 5451</b>	fast drying



## YOUR COATING - YOUR WAY

As a resin producer we feel obligated to give you the best but still offer you the possibility to adjust your product according to your customers' needs. **Due to a complete compatibility inside this group you are free to optimize the performance and costs!** Mixing with other resins is possible, although the performance of the system might be severely reduced!



### CLEARCOAT PROPERTIES

DELIVERY FORM	%OH	TACK-FREE-TIME 150µm wet @ RT / min	POT LIFE (double viscosity) / min
75 BAc	4.1	40	120
75 BAc	2.8	30	180
50 BAc	1.8	10	240



ISO 9001  
ISO 14001

BUREAU VERITAS  
Certification



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