

NeoCryl® HP-1000

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The multi-surface king of adhesion enables healthier paint systems that last longer

covestro

Addressing the adhesion issue

Above anything else, end-users around the world complain that paint should stick better – and longer – to its substrate, rather than peeling, flaking, or cracking over time. And, with the diversity of substrates used in the building and construction industry increasing rapidly each year, this is a problem that conventional resin solutions simply doesn't address.

In fact, Covestro's deep market research – which involved end-user review, big data analysis and first-hand collection of painter and consumer insights – has underlined a lack of adhesion as the number one area of improvement for trim and lacquer paints, and thus the best area for the competitive differentiation of paint systems. Building on our long tradition of developing innovative coating resins that drive new performance standards in paint systems and enable more sustainable living, we proudly present NeoCryl® HP-1000: the multi-surface king of adhesion. This resin enables decorative primer applications for the trim and lacquer segment that adhere better, broader and perform for longer, no matter which substrate type is in front of you.

Now that's a real solution!



NeoCryl® HP-1000: the multi-surface king of adhesion.





Delivering performance, whatever the substrate

Around the world, the building and construction industry is introducing an increasingly varied range of substrates. Currently available priming solutions commonly offer only limited performance across several substrates.

Thanks to its unique chemical properties, this resin offers excellent adhesion properties for a broad variety of sanded and unsanded substrates that are typically difficult to stick to – as proved by the dry Gitterschnitt adhesion test shown below. So, whether it's a dry ceramic tile or indoor metals, you can be sure NeoCryl® HP-1000 will deliver superior adhesion – today and in the future.

Unique benefits of NeoCryl® HP-1000

- Excellent and broad adhesion
- Quick drying time
- Smooth flow and leveling
- Adhesion without sanding

Decorative primer applications that adhere better, broader and perform for longer

Making application better, easier, quicker

That's not all, though. NeoCryl® HP-1000 also enables a range of excellent functional properties, including quick drying time – with a dust-free time of 20 minutes, tack-free time of 25 minutes, and is fully recoatable after 45 minutes – meaning applicators can move fast and with confidence.

What's more, NeoCryl® HP-1000 enables great sandability after one hour of drying, and has shown excellent blocking results. As such, this is a resin that makes application processes better, easier, and quicker – delivering quality performance on time, every time.

Healthier and more sustainable

NeoCryl® HP-1000 does much more than just improve the adhesion performance and application process of coatings. Our resin combines higher levels of functional performance with an exceptionally low environmental impact. In particular, formulations based on NeoCryl® HP-1000 can be developed at a very low volatile organic compound level, which meets – and exceeds – the latest health and safety guidelines and regulation around the world.

And, thanks to its sustainable qualities, NeoCryl® HP-1000 enables formulations compliant with Eco-Label, Nordic Swan, Der Blaue Engel and AgBB certification, enabling coatings that can differentiate themselves on sustainability. As such, coatings with NeoCryl® HP-1000 perform for both people and planet, without fail.

Wave goodbye to sanding

With NeoCryl® HP-1000, sanding to improve adhesion is history! Thanks to its unique chemistry, the resin sticks to everything – under all conditions – saving you time and money in every paint job.

In addition, the elimination of the sanding step avoids the risk of exposure to the commonly released fine dust particles, which can cause serious health issues if the right precautions are not taken. This makes NeoCryl® HP-1000 good for you and good for the world!

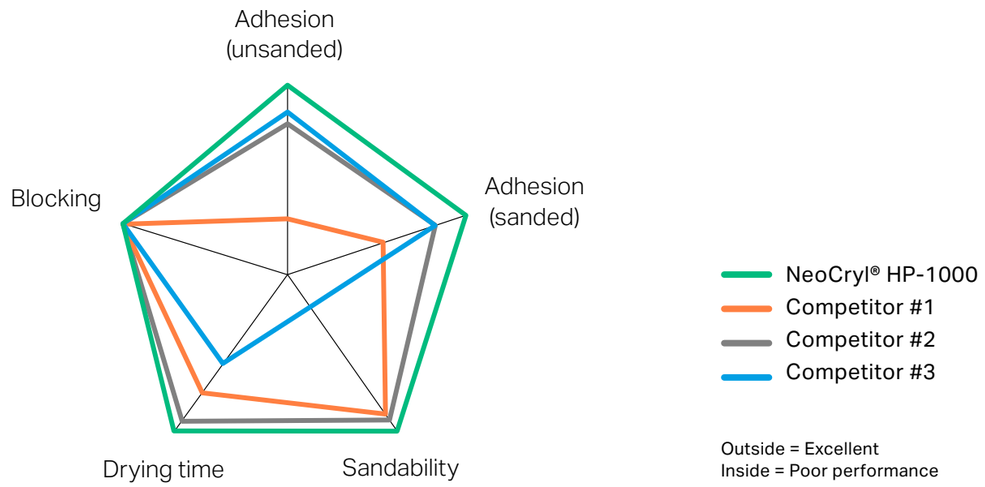
For now, and years to come

Trim and lacquer coatings can add value to indoor and outdoor decorative applications, but only if they beautify and protect over time, every time. With NeoCryl® HP-1000, long-term performance is never in doubt – paint coatings will last longer, and last better than ever for years to come.

So, if you're looking to deliver coatings that perform over time, look no further than NeoCryl® HP-1000.



We don't only promise... we deliver





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