



DECOVERY™

NeoPac® E-128

Next generation resins for decorative paints

With DECOVERY™, we've explored new ways to meet tighter environmental standards. Not just for complying with legislation on Volatile Organic Compound (VOC) content, but beyond. As a pioneer in low VOC waterborne solutions, we invite you to discover our high performance fatty acid modified acrylic-polyurethane dispersion, the NeoPac® E-128, especially selected as a DECOVERY™ solution for topcoats and stains. The NeoPac® E-128 is delivered at 36.5% solid content.

Beyond performance...

The NeoPac® E-128 has good topcoat properties including surface hardness, flexibility and water resistance. Key parameters for a high performance topcoat include scratch resistance, open time and flow. For these parameters, the NeoPac® E-128 is top of the polyurethane technology range. NeoPac® E-128 also has good adhesion to old alkyd paints, important for renovation purposes.

Additionally, the NeoPac® E-128 is an excellent resin for stains, because of its good resistance to scratches and humidity. This highly transparent system is one of our top performance products for its overall good balance between drying, open time, workability, and early water resistance.

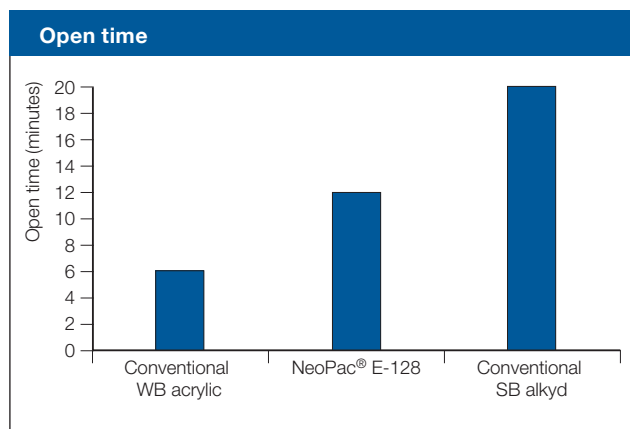


Figure 1: Neopac® E-128 exhibits an improved open time compared to conventional WB Systems, approaching conventional SB behavior.



Figure 2: Neopac® E-128 (left) shows very good wet adhesion on old non-sanded alkyd substrate in comparison to a standard waterborne acrylic (right).

2010 is not the final goal

The DECOVERY™ product range focuses on bringing a long-term sustainable advantage to our customers. The VOC level and performance improvements achieved will not stop here; we will continue to innovate with future market needs in mind, going beyond legislative requirements

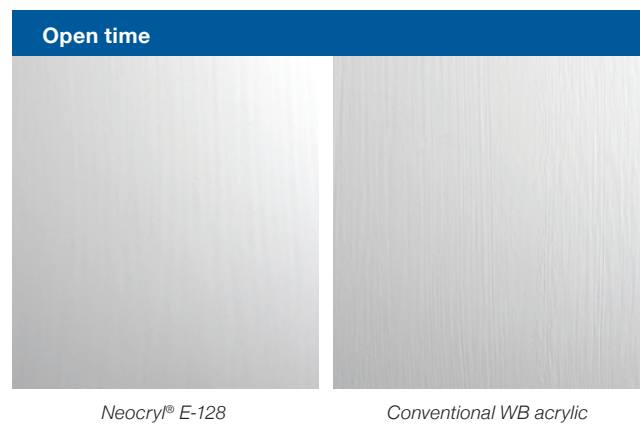


Figure 3: Open time is becoming apparent once a wet layer of paint is repainted after approx 10 minutes.

Don't let technology limit your true potential

Our aim is to develop market driven solutions based on performance, not just technology. The NeoPac® E-128 is a DECOVERY™ solution that differentiates in the topcoat market with high performance properties such as scratch resistance, flow and open time.

Discover what's beyond...and start formulating: just download the product documentation from www.dsmneoresins.com

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