



Ultra-high performance one-component resin
solutions for industrial wood coating

NeoCryl®



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NeoCryl® XK-720 and NeoCryl® TB-001 are waterborne acrylic emulsions with excellent chemical resistance. Both have passed IKEA R2 and R4 resistance tests.

NeoCryl® XK-720

- Balancing the requirements for film-forming additives with coating performance
- Excellent stain- and alcohol-resistance with low VOC
- Solid color systems also deliver outstanding performance
- IKEA R2 certified



NeoCryl® TB-001

- Designed for high performance coatings
- Low gloss, excellent alcohol resistance
- When mixed with the partially bio-based waterborne resin Discovery® CQ 7450, with the formula system containing 20% bio-based content*, it is certified by IKEA R4 test.



* Some of the bio-based content is based on the results of theoretical calculation. The actual content should comply with ASTM-D6866. Measurement of ¹⁴C content

	Neutralizer	Appearance	Solid content (%)	pH	Viscosity (mPa·s)	MFFT (°C)
Type Acrylic copolymer emulsion						
NeoCryl® XK-720	Ammonia water	Translucent clear	42	6.7~7.5	≤250	50
NeoCryl® TB-001	Ammonia water	Opaline	42	7.8~8.3	20~100	35

	Water resistance 24h	Alcohol resistance 48% 1h	Acid/alkali resistance 10% 24h	Coffee stain resistance	Red wine stain resistance	Tea stain resistance	Mustard stain resistance
Type Acrylic copolymer emulsion							
NeoCryl® XK-720	5/5	4/5	4/5	5/5	5/5	5/5	5/5
NeoCryl® TB-001	5/5	5/5	5/5	3/5	3/5	4/5	4/5

5 Excellent, 4 Good, 3 Okay, 2 Not good, 1 Poor
Resistance to chemicals and stains are tested with reference to a white glossy coating

Covestro Resins (Shanghai) Co., Ltd.
No. 476 Li Bing Road, Zhangjiang
Hi-Tech Park, Pudong New Area,
Shanghai, China 201203
Tel: +86 21 6141 8188

Covestro (Shanghai) Investment Co., Ltd.
Coatings & Adhesives
No.33 Qin Qiao road,
Shanghai, China 201206



solutions.covestro.com

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