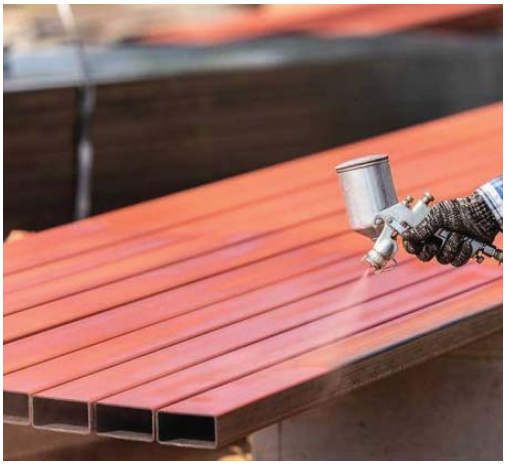
OPTIDUR

QUALITY RESINS FOR RELIABLE COATINGS (DURASOL)



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WHO WE ARE

Optidur Polymers Ltd was born April 8th, 2021 when Synthomer Thailand Ltd was acquired by an International Chemical Group.

The plant is renowned for producing high performance solvent-borne acrylics for the coatings and construction industries, famous for the 'Durasol' brand (1 K and 2K systems). The business in Thailand can trace it's roots back to Albright and Wilson in the 1970s.The existing plant in Chonburi plant built by Momentive Specialty Chemicals (Hexion) in 2013. Synthomer Group acquired the plant from Hexion in 2016. Effective 8th of April 2021, the business is now renamed Optidur Polymers Ltd. by its new owners.

The combination of Optidur with Optichem (Water-based acrylics) will provide customers with a full range of specialty acrylic-based polymers, brands, and global capabilities. Optidur and Optichem will provide innovative solutions to create a safer world, with a focus not only in South-East Asia, Australia, and New Zealand,but also markets in the rest of the world.

The leadership and team members of Optidur are now working alongside their sister company in Thailand, Optichem The combined teams will work towards delivering synergies under a unified organization. They will leverage the best of both companies to improve technology, safety, and go-to-market strengths.

PRODUCT DETAILS ACRYLIC POLYOL FOR WOOD

Item	Durasol Grade	Supply Form	Viscosity (cps @ 230C)	Acid Value (mg KOH/g SOLID RESIN)	OH% (ON SOLID RESIN)	Description	Main Feature	PRIMER	SEALER	CLEAR COAT	TOP COAT
1	DURASOL AC 201 X/BAC	50X/BAC	9000-17000	14-18	1.8	High viscosity acrylic polyol	Quick drying, low solids, easy to matt		✓	✓	✓
2	DURASOL AC 202 X/BAC	X-MIBK 51%	6000-8500	14-18	1.8	Acrylic polyol	Universal	✓		✓	✓
3	DURASOL AC 203 X/BAC	50X/BAC	5500-8500	14-18	1.8	Acrylic polyol	Universal, high reactivity	✓		✓	✓
4	DURASOL AC 204 BAC	50BAC	3300-4800	15-25	2.0	Acrylic polyol	Quick drying, high hardness, broad CAB compatibility	✓		✓	✓
5	DURASOL AC 205 BAC	50BAC	5000-8000	6-12	1.8	Acrylic polyol	Universal, broad compatibility, good flexibility	✓		✓	✓
6	DURASOL AC 206 BAC	57BAC	3000-7000	6-12	1.7	Medium solid acrylic polyol	Medium solid content, economic in use, broad compatibility	✓		✓	✓
7	DURASOL AC 207 BAC	50BAC	2000-4000	14-18	1.8	Acrylic polyol	Universal, broad compatibility, high hardness	✓		✓	✓