OPTIDUR

QUALITY RESINS FOR RELIABLE COATINGS (DURASOL) ACRYLIC SOLUTIONS

TABLE OF CONTENTS

PAGE 3 ABOUT OPTIDUR

PAGE 4-5 TARGET MARKET/APPLICATIONS

PAGE 6-7 PRODUCT DETAILS (DURASOL/TPA FOR CONCRETE PAVEMENT/ CONCRETE ROOF TILE)

PAGE 8-9 PRODUCT DETAILS (DURASOL/TPA FOR CONCRETE PAVEMENT/ CONCRETE ROOF TILE)

PAGE 10-11 PRODUCT DETAILS (DURASOL/TPA FOR CONCRETE PAVEMENT/ CONCRETE ROOF TILE)

OPTIDUR POLYMERS LTD.

219/16, Moo 6 Bo Win
Si Racha, Chonburi 20230, Thailand
Phone: +66 (38) 31 79 00
Email: management@optidur.com

OPTICHEM POLYMERS (THAILAND) CO. LTD.

614 Moo 10, Thatoom Srimahaphot
Prachinburi 25140, Thailand
Phone: +66 (37) 27 45 56
Email: management@optichem.com

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 PORTFOLIO

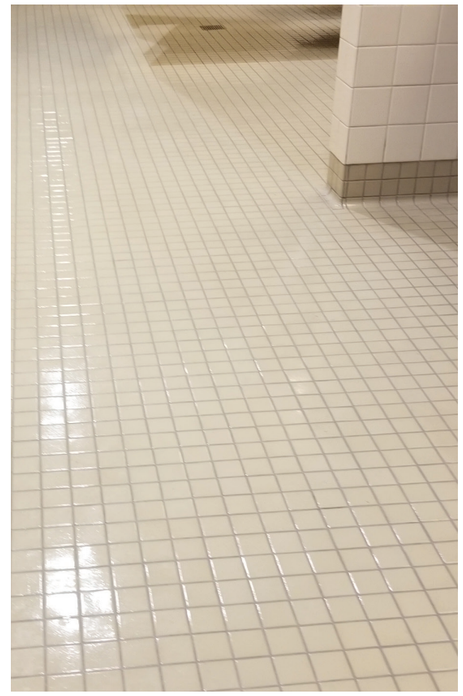
TARGET MARKET/APPLICATIONS

- Building Constructions & Coating
- Concrete Sealer
- Roof Tiles
- Floor Tiles
- General Flooring

OPTIDUR

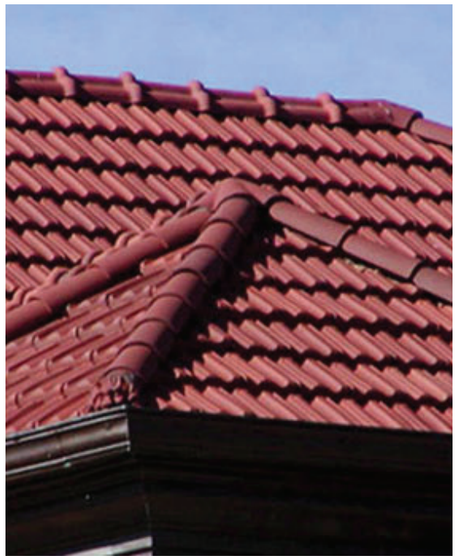
PRODUCT DETAILS | DURASOL/TPA FOR CONCRETE PAVEMENT/ CONCRETE ROOF TILE

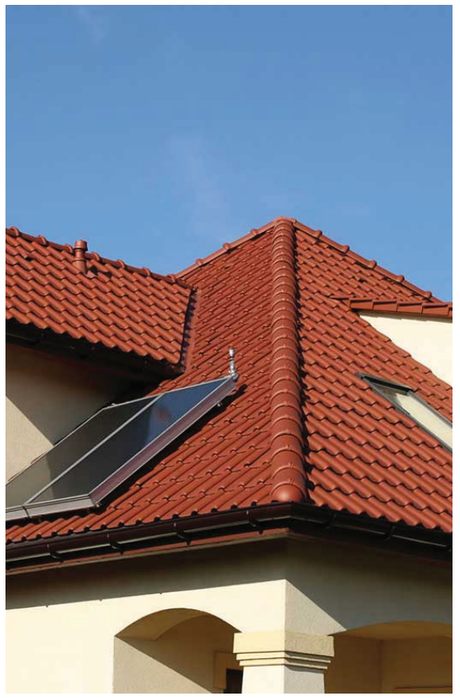
Item	Product	% Non-Volatile Content	Viscosity (cPs)	Tg (CA, OC	Solvent Type	Application
1	Durasol 1230	49. 0 - 51.0	8,000 – 14,000	29	Xylene	Concrete Roof Tile
2	Durasol 1230/20XR	19.5 - 20.5	10 – 30	29	R100/Xylene	Concrete Roof Tile
3	Durasol 1230/25X	24. 0 - 26.0	30 – 50	29	Xylene	Concrete Roof Tile
4	Durasol 300	49.0 - 51.0	2,000 – 4,000	50	Toluene	Clear anti-graffiti coating
5	Durasol 308	49.0 - 51.0	18,000 – 26,000	39	R100	Concrete Roof Tile
6	Durasol308/21X	20. 0 - 22.0	20 – 30	39	R100/Xylene	Concrete Roof Tile
7	Durasol308/25R	24. 0 - 26.0	60 – 90	39	R100/Xylene	Concrete Roof Tile
8	Durasol 310	49. 0 - 51.0	7,500 – 11,500	50	Xylene	Metal Coating
9	Durasol 330	49.0 - 51.0	1,000 – 3,000	43	R100/White Spirit	Concrete Pavement/Roof tile
10	Durasol 330/25WS	24. 0 - 26.0	10 - 60	43	R100/White Spirit	Concrete Pavement/Roof tile



PRODUCT DETAILS DURASOL/TPA FOR CONCRETE PAVEMENT/ CONCRETE ROOF TILE

Item	Product	% Non-Volatile Content	Viscosity (cPs)	Tg (CA, OC	Solvent Type	Application
11	Durasol 362U	49.0 - 51.0	20,000 – 30,000	55	Xylene	Concrete Pavement
12	Durasol 362U/21RX	20. 0 - 22.0	20 – 50	55	Xylene / R100	Concrete Pavement
13	Durasol 362U/25RX	24. 0 - 25.5	40 – 100	55	Xylene / R100	Concrete Pavement
14	Durasol 374	49. 0 - 51.0	8,000 – 14,000	29	R100/R150	Concrete Roof Tile
15	Durasol 374/25	24. 5 - 25.5	50 - 80	29	R100/R150	Concrete Roof Tile
16	Durasol 374/25R	25. 0 - 26.0	65 - 85	29	R100/R150	Concrete Roof Tile
17	Durasol 374/30R	29. 5 - 30.5	135 – 155	29	R100/R150	Concrete Roof Tile
18	Durasol 374R	50.0 - 51.0	13,000 – 21,000	29	R100	Concrete Roof Tile
19	Durasol 374R/30R	29. 0 - 31.0	100 – 180	29	R100	Concrete Roof Tile
20	Durasol 376	49. 0 - 51.0	15,000 – 25,000	51	R100 /Xylene	Concrete Roof Tile

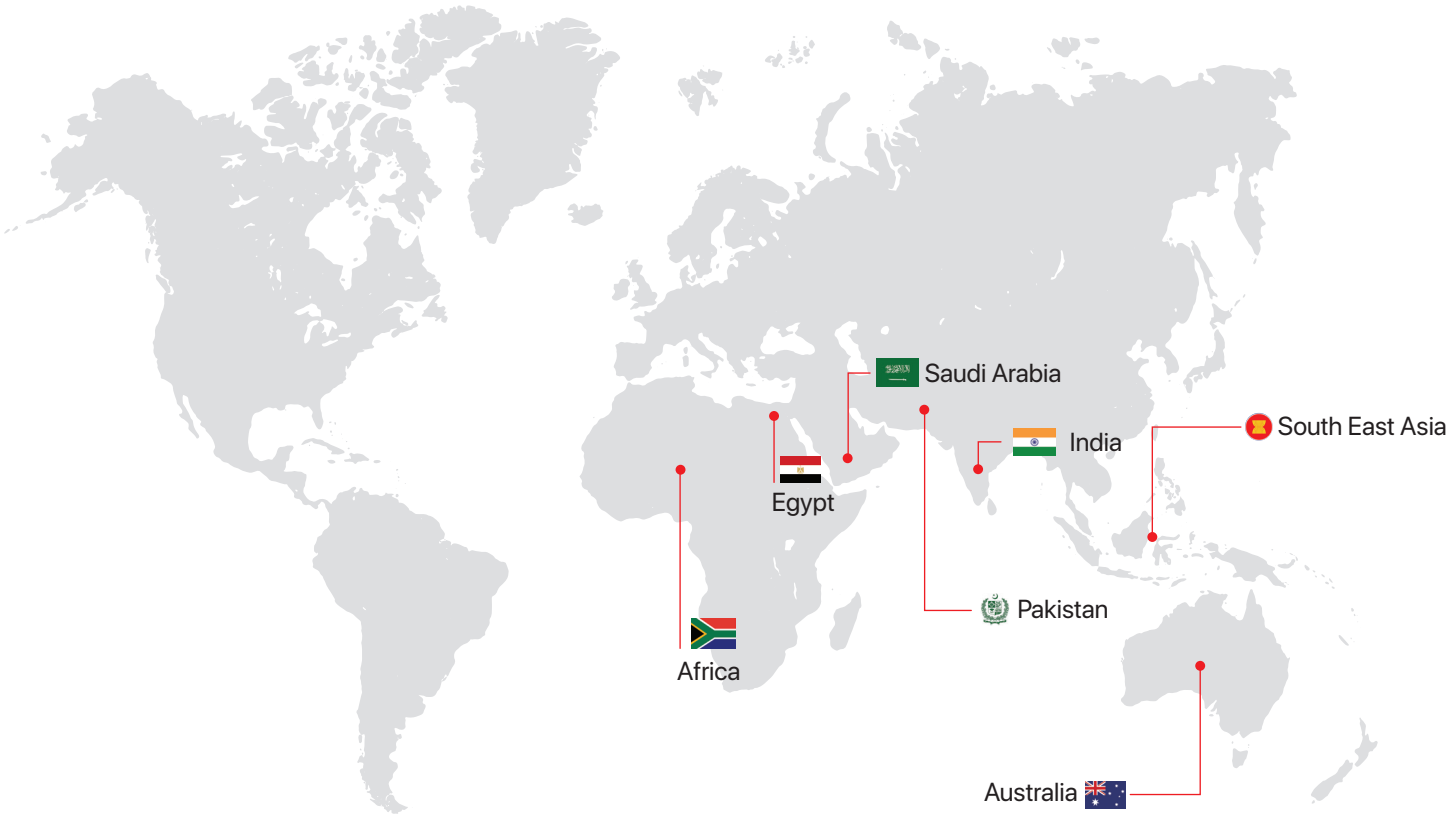




PRODUCT DETAILS DURASOL/TPA FOR CONCRETE PAVEMENT/ CONCRETE ROOF TILE

Item	Product	% Non-Volatile Content	Viscosity (cPs)	Tg (CA, OC	Solvent Type	Application
21	Durasol 376/25X	22.0 - 24.5	Iwata, 17-20sec	51	Xylene	Ready to used Concrete Roof Tile
22	Durasol 500	49.0 - 51.0	9,000 – 12,500	45	Xylene	Concrete Pavement
23	Durasol 500/24RX	24. 0 - 25.5	40 - 70	45	R100 / Xylene	Concrete Pavement
24	Durasol 500/24RX-B	23. 5 - 25.5	40 - 100	45	R100 / Xylene	Concrete Pavement
25	Durasol 500/24RXM	23. 5 - 25.5	40 - 100	45	R100 / Xylene	Concrete Pavement
26	Durasol 810	49.0 - 51.0	1800 - 2500	20	LAWS/Xylene	Primer
27	Durasol 814	49.0 - 51.0	14,000 – 18,000	50	Xylene	Clear Coat and Gold Paint
28	Durasol 832	49.0 - 51.0	500 – 1,100	60	LAWS/Xylene	Primer
29	Durasol 835/GEP2	24. 0 - 25.5	60 – 85	38	R100/R150	Concrete Roof Tile
30	Durasol 836	40. 0 - 42.0	2,500 – 4,500	68	Xylene	Concrete Pavement / Petrol resistant acrylic solution
31	Durasol 836/24RX	23. 0 - 25.0	50 – 100	68	R100 / Xylene	Concrete Pavement / Petrol resistant acrylic solution
32	Durasol DP802HV	50.0 - 52.0	6,000 – 8,000	49	Xylene	Clear Coat and Gold Paint
33	Durasol TP 602/25X	22.0 – 24.5	30 - 60	51	Xylene	Concrete Roof Tile

OUR NETWORK



MANUFACTURING

OPTIDUR

OPTIDUR POLYMERS LTD.

219/16, Moo 6 Bo Win
Si Racha, Chonburi 20230, Thailand
Phone: +66 (38) 31 79 00
Email: management@optidur.com

OPTICHEM POLYMERS (THAILAND) CO. LTD.

614 Moo 10, Thatoom Srimahaphot
Prachinburi 25140, Thailand
Phone: +66 (37) 27 45 56
Email: management@optichem.com

DISTRIBUTORS

REDA
ENGINEERED INDUSTRIAL SOLUTIONS

DISTRIBUTORS

CHEMIPLAS

MELBOURNE (HEAD OFFICE)

Level 1, 128 Jolimont RdEast
Melbourne VIC 3002Australia
Phone: +61 3 9419 7300
Fax: +61 3 9419 7676
Email: enquiries@chemiplas.com.au