



## Construction & Insulation



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Paraffin waxes and formulations thereof used in the construction industry as auxiliaries offer a vast array of advantages. It is our challenge to constantly develop and support established and new applications with our specially designed products for this industry.

We place emphasis on the following areas:

- Concrete surfaces - to ensure even curing
- Residential construction - for the improvement of the insulation properties of building materials used for house construction.
- Ceramic and refractory industry - to provide green- strength, acting as sintering aid, lubricating and processing aid.
- Tarpaulins - specialty wax formulations act as lubricating and sealing agent.
- Insulation material - specialty wax formulations and oil emulsions are commonly used as dust binders and hydrophobing aids.

Emulsion Type	Typical application	Water Content (%)	Viscosity (mPa s) (typical value)	pH (typical value)	Emulsifier type	Product manufactured by
HydroWax 82	Insulation release	64 - 68	100	11	anionic/ non- ionic	Sasol Wax GmbH
Hydrowax 46	Concrete curing	38 - 42	200	7	cationic	Sasol Wax GmbH
HydroWax 638	Concrete curing	38 - 42	200	6	cationic/ non- ionic	Sasol Wax GmbH
HydroWax 212	Concrete	50		9.5	anionic	Sasol Wax (South Africa) (Pty) Ltd.
HydroWax 296	Insulation dust binder	48 - 52	750	6	anionic/ acid stable	Sasol Wax GmbH
HydroWax 88	Insulation, dust binder, hydrophobing	45 - 49	1200	6	anionic/ acid stable	Sasol Wax GmbH

HydroWax 88 and Hydrowax 296 are oil emulsions. The flash point of the oils is approx. 300°C

Sasolwax® Type	Typical application	Congeeing Point (°C) / ASTM D 938)	Needle Penetration at 25°C (0.1mm) (ASTM D 1321)	Oil Content (%) (ASTM D 721)	Viscosity at 100°C (ASTM D 445) (DIN 51562)	Product manufactured by

5006	Concrete	50 - 52	28 - 32	0 - 1		Sasol Wax GmbH
R 7127	Concrete	***51 - 52	21 typ.	0.5 max.	N/ A	Sasol Wax Americas
6403	Special Concrete	63 - 66	17 - 20	0 - 0.5	5 - 6	Sasol Wax GmbH
R 7352	Special Concrete, Ceramics	***64 - 67	14 max.	0.5 max.	5.2 - 6.4	Sasol Wax Americas
5405	Ceramics	53 - 55	20 - 25	0 - 0.5		Sasol Wax GmbH
6050	Ceramics	60 - 65	65 - 80	5 - 8		Sasol Wax GmbH
R 7331	Ceramics	***54 - 57	18 max.	0.5 max.	3.6 - 4.5	Sasol Wax Americas
P 7350	Ceramics, Tarpaulins	*63 typ.	**98 typ.	N/ A	16.8 typ.	Sasol Wax Americas
1308	Tarpaulins	63 - 67		12 - 16	320 - 380	Sasol Wax GmbH
1307	Tarpaulins	65 - 67	11 - 14	0 - 1	280 - 320	Sasol Wax GmbH
5805	Refractories	58 - 60	19 - 23	0 - 0.5		Sasol Wax GmbH
R 7338	Sintering aid for Refractories	***58 - 59	16 max.	0.5 max.	N/ A	Sasol Wax Americas
6070	Release Agent	60 - 63	70 - 90	10 - 15	6 - 8	Sasol Wax GmbH
S2040	Release Agent	60 typ.	140 typ.	20 typ.	9.5 typ.	Sasol Wax Americas
Isotec Specialty Paraffin		Please refer to <a href="http://www.isotec.de">www.isotec.de</a>		horizontal water barrier		

\* ASTM D 127; \*\* ASTM D 937 ; \*\*\* ASTM D 87

**This product information is indicative and does not include any guarantee**

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