



HANSA® ADD 1362

HANSA® ADD 1364

Compatible substrate wetting agents with anti-crater effect

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WITH CHARACTER.

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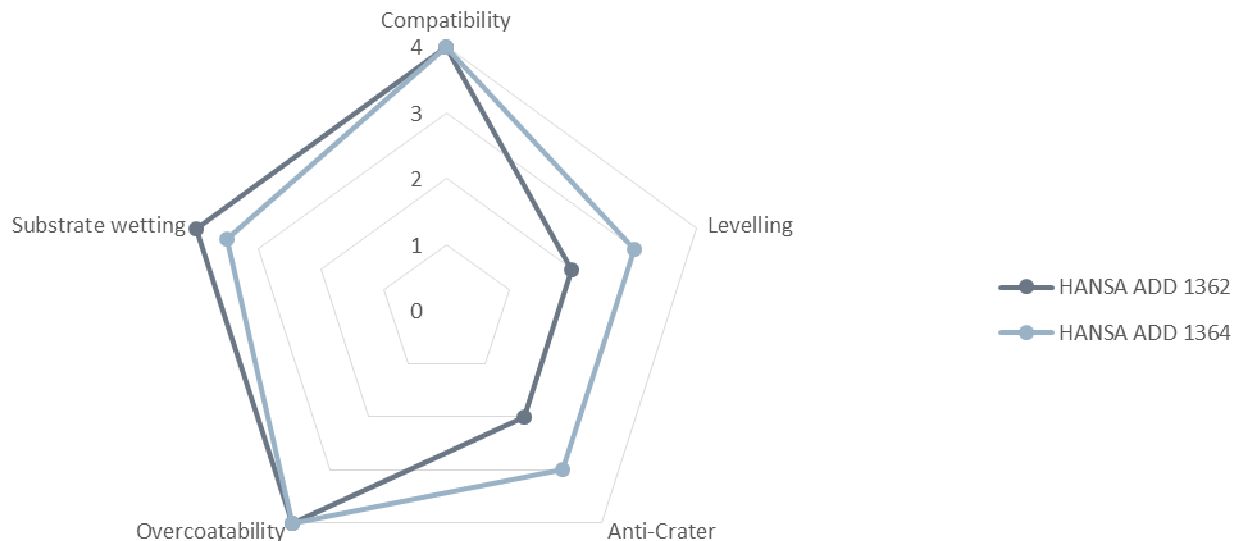
HANSA® ADD 1362 and HANSA® ADD 1364 are highly effective substrate wetting agents particularly suited for water-based coatings, printing inks and overprint varnishes.

They are characterised especially by a strong reduction of the surface tension and an easy incorporation into all kinds of water-based systems. A very good substrate wetting results even on very difficult, nonpolar surfaces.

Due to their chemical character HANSA® ADD 1362 and HANSA® ADD 1364 combine an excellent substrate wetting with additional anti-crater properties and give the coatings a good levelling.

Properties

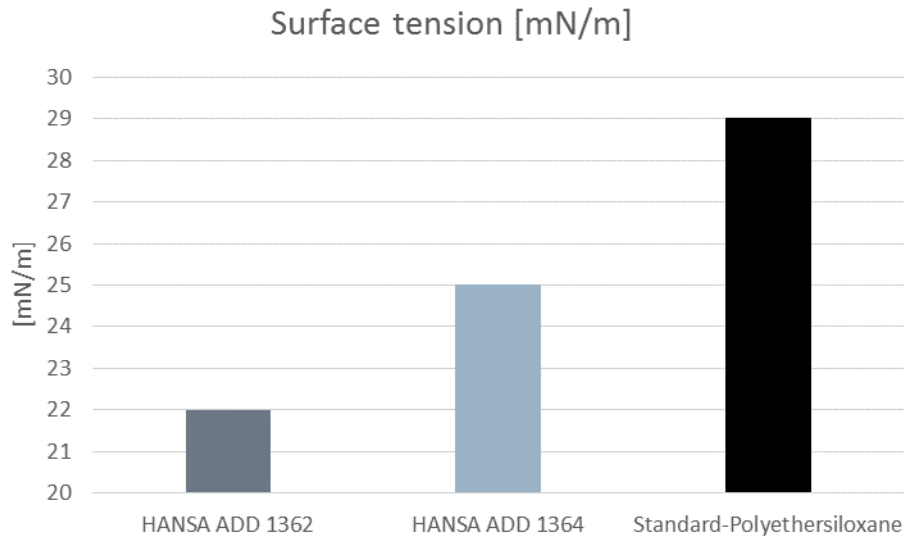
As shown in the following illustration, both products have different characteristics of the respective core properties.



- Both products stand out by a very good substrate wetting and compatibility, especially in water-based systems.
- HANSA ADD 1364 has got additional strengths in levelling and anti-crater effect.
- The surface slip is not increased.
- The overcoatability is not affected negatively.

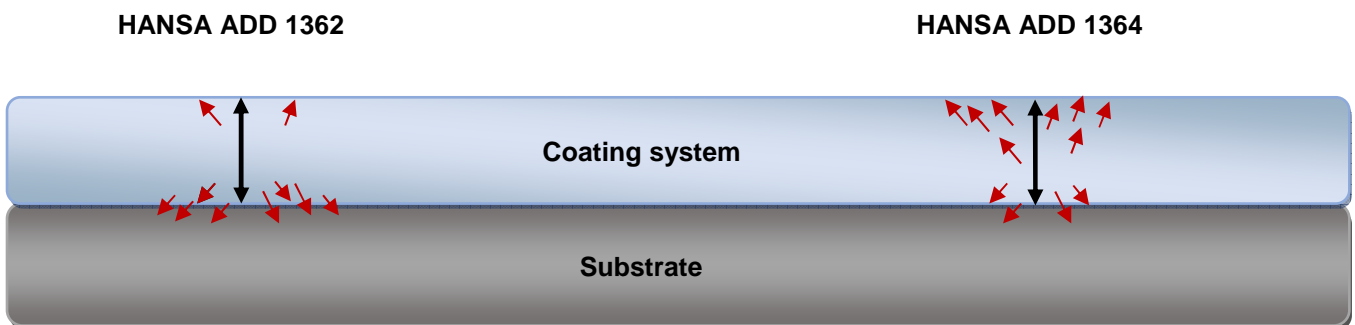
Surface tension in water

- 0.2 % in distilled water
- Measurement with tensiometer - plate method according to Wilhelmy



The surface tension of waterbased formulations is considerably reduced even with low application amounts of the substrate wetting agents. Therefore, difficult to wet, non-polar substrates can be coated.

Principle of operation



HANSA ADD 1362 has a very strong wetting effect clearly oriented to the substrate. In addition it also is surface active and positively influences the levelling.

HANSA ADD 1364 acts more at the surface of the coating and thus provides a stronger anti-crater effect and a distinct levelling.

Advantages

- Highly effective with minimum application amounts
- Easy to incorporate in water-based systems
- Reduce the surface tension significantly
- Excellent substrate wetting
- Improve the levelling
- Prevent the formation of craters
- No impact on the overcoatability and intermediate coat adhesion

Application Fields

- Industrial coatings
- Wood coatings
- Automotive coatings
- Printing inks and overprint varnishes

	HANSA® ADD 1362	HANSA® ADD 1364
Appearance	Colourless to slightly yellowish, turbid liquid	Colourless to slightly yellowish, turbid liquid
Concentration	52%	52%
Viscosity	< 100mPas	< 100mPas
Surface tension – 0.2% in water	22mN/m	25mN/m
Recommended application amount	0.1 - 1.0 %	0.1 - 1.0 %

