

# Hydropalat® WE 3220

# Hydropalat® WE 3221

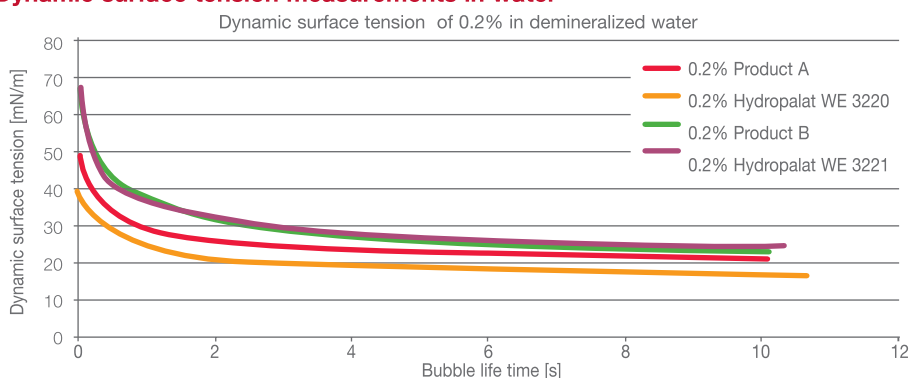


## Silicone surfactants for water-based coatings with excellent substrate wetting

Hydropalat® WE 3220\* / WE 3221 show strong reduction of surface tension in water-based systems and are highly suited to improve substrate wetting and to prevent surface defects. They are recommended as anti-crater additives with good recoatability. Based on short chain organically modified polysiloxanes, Hydropalat® WE 3220 / WE 3221 do not increase surface slip.

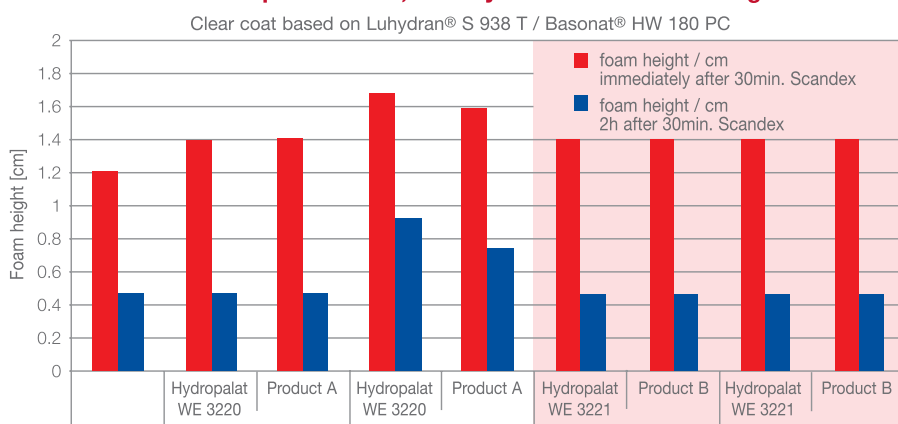
\*Hydropalat® WE 3220 is the solvent-free version of Hydropalat® WE 3221

### Dynamic surface tension measurements in water



Hydropalat® WE 3221 shows benchmark dynamic wetting behaviour

### Foam stabilization in 2-pack wb PU, density after Scandex shaking



All tested products show comparable foaming behaviour to their counterparts

### Hydropalat® WE 3220 / WE 3221: Characteristic Values

Property	Values
Appearance	clear colorless, low-viscosity liquid
Effective substance	~ 100 % / ~ 52 %
Density (DIN 51757)	~1.04 g/cm <sup>3</sup> / ~1.00 g/cm <sup>3</sup>
Color (Gardner)	max. 2

### Performance Highlights

- Silicone surfactants based on organo modified silicones
- Excellent substrate wetting
- Strong reduction of surface tension
- Anti-cratering
- Good surface leveling
- No increase of surface slip
- Designed for high-end water based industrial coatings, automotive and wood coatings, exterior paints & coatings and printing inks applications



## Contacts worldwide

### Asia

BASF East Asia Regional Headquarters Ltd.  
45/F., Jardine House  
No. 1 Connaught Place  
Central  
Hong Kong  
formulation-additives-asia@basf.com

### Europe

BASF SE  
Formulation Additives  
67056 Ludwigshafen  
Germany  
formulation-additives-europe@basf.com

### North America

BASF Corporation  
11501 Steele Creek Road  
Charlotte, NC 28273  
USA  
formulation-additives-nafta@basf.com

### South America

BASF S.A.  
Rochaverá - Crystal Tower  
Av. das Nações Unidas, 14.171  
Morumbi - São Paulo-SP  
Brazil  
formulation-additives-south-america@basf.com

[www.basf.com/formulation-additives](http://www.basf.com/formulation-additives)

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed.