



## PRODUCT LIST



## ADDITIVES FOR LIQUID COATINGS



**YOUR ADVANCED SOLUTIONS PARTNER**



- S** Suitable for solvent based coatings
- W** Suitable for water based coatings
- S/W** Suitable for solvent and water based coatings

## ➤ DEFOAMING

### DEFOAMERS SILICONE BASED

- W** **Moussex® S 9092** VOC-free polysiloxane based defoamer for water-based systems, easy to incorporate and recommended for high quality industrial coatings.
- S** **Moussex® 388 SL** VOC-free polysiloxane based defoamer for solvent and solvent-free coatings, especially for flooring applications, combining strong defoaming properties with good levelling.
- S** **Moussex® S 667** Polysiloxane based defoamer for industrial coatings, as 2K acrylic, epoxy, air drying and stoving enamels. Highly efficient in clear coat.

### DEFOAMERS SILICONE FREE

- W** **Moussex® 7134 HE** VOC-free mineral oil based defoamer for water-based coatings. Highly efficient and easy to incorporate.
- S** **Moussex® SF 658** Silicone free defoamer for unsaturated polyester, gel coats, epoxy, PVC plastisol and UV systems. Highly efficient.
- S/W** **Moussex® SF 561** VOC-free defoamer, suitable for solvent and water-based coatings, such as 2K acrylic, epoxy, air drying and stoving enamels and UV acrylic systems.
- S** **Moussex® SF 254** Defoamer for solvent-based industrial coatings. Recommended for 2K acrylics, epoxy, air drying and stoving enamels. Highly efficient in highly pigmented and solvent-free systems.

## ➤ LEVELLING AND SUBSTRATE WETTING

### LEVELLING AND FLOW AGENTS, ACRYLIC BASED, SILICONE FREE

- S** **Modarez® MFP** For solvent and solvent-free systems, medium molecular weight, combining high gloss and degassing properties.
- S** **Modarez® MFP B** For solvent and solvent-free systems, medium molecular weight providing good substrate wetting properties.
- S** **Modarez® MFP C** For solvent and solvent-free systems, low molecular weight, highly compatible for use in clear coatings.
- S** **Modarez® MFP E** For solvent and solvent-free systems, High molecular weight, gives high levelling, degassing, substrate wetting, and surface hardness in pigmented systems.
- S** **Modarez® MFP-G 52 S** Levelling agent for solvent borne systems, low molecular weight, high compatibility and high gloss.
- S** **Modarez® MFP L** For solvent and solvent-free systems, low molecular weight with wide compatibility, for use in clear coats and pigmented systems.
- S** **Modarez® MFP T** Levelling and flow. Very low molecular weight, best compatibility in difficult systems.



## LEVELLING AGENTS ACRYLIC BASED – REACTIVE, SILICONE FREE

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|----------|-------------------------|---|
| <b>S</b> | <b>Modarez® MF A OH</b> | Flow and levelling agent, hydroxyl functional, excellent performance in clear coats, good substrate wetting and de-gassing properties.. |
| <b>W</b> | <b>Modarez® PW 336</b>  | VOC free levelling and flow agent for water based systems, hydroxyl functional, excellent flow, levelling and de-gassing performance.   |
| <b>S</b> | <b>Modarez® MF A X</b>  | Flow and levelling agent for industrial systems, with carboxylic functions, gives excellent D.O.I and transparency.                     |
| <b>S</b> | <b>Modarez® MF A EX</b> | Flow and levelling agent for industrial solvent based systems, epoxy functional, improves surface hardness.                             |

## LEVELLING AGENT OTHER

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| <b>S</b> | <b>Modarez® PSL 2000</b> | Low molecular weight levelling and flow agent, with wide compatibility in solvent-based systems. Reduces craters, orange peel and pinholes. Increases gloss. |
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## SUBSTRATE WETTING AGENTS SILICONE FREE

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|------------|-----------------------|---|
| <b>S/W</b> | <b>Modarez® X 043</b> | Silicone free substrate wetting agent, with strong performance on difficult substrates, no tendency to stabilise foam.  |
| <b>S/W</b> | <b>Modarez® X 073</b> | Levelling agent with substrate wetting properties. Acts as an air release agent and plasticizer for binders..   |
| <b>W</b>   | <b>Modarez® X 074</b> | Substrate wetting agent for water based systems, with high anti-crater properties, strong interfacial tension modifier reducing fish eyes and crawling. Suitable for curtain application. |
| <b>S</b>   | <b>Modarez® X 080</b> | Combines strong wetting substrate properties and levelling in solvent borne systems. Good compatibility.  |
| <b>S/W</b> | <b>Modarez® X 840</b> | VOC-free substrate wetting agent for water and solvent-based systems. Strong performance on difficult substrates with no tendency to stabilise foam.                                      |

## SLIP AND LEVELLING AGENT BASED ON POLYSILOXANE

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| <b>S</b> | <b>Modarez® S 900</b> | Polysiloxane based levelling and slip agent for solvent-based coatings. Excellent compatibility in clear coatings. |
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## ➤ PIGMENT DISPERSION

### DISPERSING AGENTS

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|----------|--------------------|--|
| <b>W</b> | <b>Prox® B 03</b>  | Dispersing agent for pigments and fillers in water-based systems. Polyacrylate ammonium salt. Strong deflocculating characteristics. VOC-free.       |
| <b>W</b> | <b>Prox® A 11</b>  | Dispersing agent for pigments and fillers in water-based systems. Polyacrylate sodium salt. Excellent stability and no foam stabilisation. VOC-free. |
| <b>W</b> | <b>Prox® A 987</b> | Dispersing agent for pigments and fillers in water-based systems Polyacrylate organic salt. Low water sensitivity. Good sag resistance properties.   |



## POLYMERIC WETTING AND DISPERSING AGENTS

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|----------|---------------------------|---|
| <b>W</b> | <b>Synthro®-pon W 578</b> | Polymeric wetting and dispersing agent for high quality water-based systems. Especially recommended for High Color Carbon blacks (HCC).   |
| <b>W</b> | <b>Synthro®-pon W 597</b> | Polymeric wetting and dispersing agent for high quality water-based systems with wide compatibility, for organic and inorganic pigments.  |
| <b>S</b> | <b>Synthro®-pon S 596</b> | Polymeric wetting and dispersing agent for inorganic and organic pigments in industrial solvent-based systems, and pigment concentrates.  |
| <b>S</b> | <b>Synthro®-pon S 602</b> | Wetting and dispersing additive for solvent-borne, especially for dispersion and stabilization of titanium dioxide and inorganic pigments. Imparts strong viscosity reduction of the mill base. |
| <b>S</b> | <b>Synthro®-pon S 606</b> | Aromatic-free version of <b>Synthro®-pon S 596</b> . Higher solid content.  |

## WETTING AND DISPERSING AGENTS

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|------------|------------------------------|---|
| <b>W</b>   | <b>Synthro®-sperse B 058</b> | Wetting and dispersing agent for water-based fast drying coatings. Recommended for road marking paints. VOC-free.                               |
| <b>S/W</b> | <b>Synthro®-pon 154</b>      | Wetting and dispersing agent for pigments in water and solvent-based systems. Excellent wetting performance for organic and inorganic pigments. |
| <b>S</b>   | <b>Synthro®-pon DB 50</b>    | Wetting and dispersing agent for solvent-based and solvent-free coating systems. Recommended for bentone gels.                                  |
| <b>S</b>   | <b>Synthro®-pon 9 TD</b>     | Wetting and dispersing agent for pigments in solvent-based systems, with wide compatibility.  |
| <b>W</b>   | <b>Synthro®-pon 9 TDK</b>    | Non-ionic wetting and dispersing agent for pigments in all standard water-based systems.  |

## ➤ EMULSION COMPATIBILITY PROMOTION

### COUPLING AGENTS

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| <b>S/W</b> | <b>Synthro®-comp CA</b>   | Emulsifier for ecologic brush cleaners and screen cleaners.  |
| <b>S/W</b> | <b>Synthro®-comp 60 B</b> | Additive to promote water acceptance in solvent-based systems. Excellent performance for metallic effect pigments stabilisation and orientation. |
| <b>S/W</b> | <b>Synthro®-comp 74</b>   | Additive to improve colour acceptance of universal colorants in base paints.   |

### EMULSIFIERS

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| <b>S/W</b> | <b>Prox® ES 100</b> | Epoxy functional emulsifier, used in the manufacture of low water sensitive water-based epoxy dispersions. |
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## ➤ CORROSION PROTECTION

### ANTI-FLASH RUST

<b>W</b>	<b>Synthro®-cor C E 660 B</b>	Nitrite and borate free anti-flash rust additive. Very active in liquid phase. VOC-free.
<b>W</b>	<b>Synthro®-cor V 609 B</b>	Nitrite and borate free anti-flash rust additive. Good compromise between anti-flash rust and in-can protection. For liquid and vapour phase.
<b>W</b>	<b>Synthro®-cor B</b>	Anti-flash rust additive especially recommended to be used for in-can preservation. VOC-free.
<b>W</b>	<b>Synthro®-cor C 08 B</b>	Nitrite and borate free anti-flash rust additive. Wide compatibility and good stability. VOC-free.

### CORROSION INHIBITORS

<b>S</b>	<b>Synthro®-cor BA 50 MS</b>	Corrosion inhibitor additive, wide compatibility in solvent-based systems. Zinc phosphate replacement.
<b>S/W</b>	<b>Synthro®-cor CA 50 B</b>	Corrosion inhibitor additive for water and solvent-based systems. Improves pigment dispersion.
<b>W</b>	<b>Synthro®-cor CA 35 W</b>	Corrosion inhibitor additive for water-based systems, high efficiency with very easy dispersibility.
<b>S/W</b>	<b>Synthro®-cor MG 50 B</b>	Corrosion inhibitor additive for water and solvent-based systems. Recommended where surface hardness is required.
<b>S/W</b>	<b>Synthro®-cor ZN 50 B</b>	Corrosion inhibitor additive for water based and with high efficiency in solvent-based systems. Catalyst for amino resins. Improves adhesion on zinc-treated surfaces.
<b>S/W</b>	<b>Synthro®-cor AM 35 B</b>	Corrosion inhibitor additive for water and solvent based systems. Easy incorporation, strong efficiency, and acts as a synergist with anticorrosive pigments.
<b>W</b>	<b>Synthro®-cor CU</b>	Corrosion inhibitor additive for water-based systems on copper and alloy substrates.

### RUST PASSIVATORS

<b>S/W</b>	<b>Synthro®-cor RR B</b>	Additive providing rust elimination and rust prevention as a single step process.
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## ➤ ODOUR MASKING

<b>S</b>	<b>Masquodor®</b>	Range of specifically developed oil soluble odour masking agents to mask unwanted odours.
<b>W</b>	<b>Masquodor® H</b>	Range of specifically developed water soluble odour masking agents to mask unwanted odours.



## ➤ OTHER ADDITIVES

### RHEOLOGY MODIFIERS

<b>W</b>	<b>Prox<sup>®</sup> AM 162 S</b>	Acrylic copolymer based thixotropic agents, with strong anti-settling effect for water based decorative coatings.
<b>S</b>	<b>Synthro<sup>®</sup>-thix 625</b>	Rheology modifier and dispersing agent for solvent borne systems, with enhanced anti-settling and anti-sagging properties.
<b>S</b>	<b>Synthro<sup>®</sup>-thix 906 S</b>	Liquid rheological additive for solvent-based systems from non polar to high polar. Strong anti-sagging properties and easy to incorporate.
<b>S</b>	<b>Synthro<sup>®</sup>-thix 905 S</b>	NMP free version of <b>Synthro-thix 906 S</b> .

### CONDUCTIVITY AGENTS

<b>S</b>	<b>Synthro<sup>®</sup>-stat E B</b>	Conductivity and anti-static agent with high performance for industrial coatings. Halogen free.
<b>S/W</b>	<b>Synthro<sup>®</sup>-stat CC B</b>	Conductivity and anti-static agent. Suitable for water and solvent-based systems.
<b>S/W</b>	<b>Synthro<sup>®</sup>-stat NPB PM B</b>	Conductivity agent compatible with anionic and cationic environments.

### FIRE RETARDANTS

<b>W</b>	<b>Synthro<sup>®</sup>-nyl SB 4400 S</b>	Fire retardant additive based on non carcinogenic antimony oxide nano-dispersion.
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### STABILIZERS

<b>W</b>	<b>Synthro<sup>®</sup>-stab 25 B</b>	VOC-free, pH buffer additive for water based paints. Odourless pH stabilizing agent.
<b>W</b>	<b>Synthro<sup>®</sup>-stab UE B</b>	Stabilizer and anti-freezing agent for emulsion paints.

## ➤ CATALYSTS

<b>S</b>	<b>Actiron<sup>®</sup> DNNS</b>	Non yellowing catalyst for stoving applications. Improves weather ability..
<b>S</b>	<b>Actiron<sup>®</sup> NX3 LC</b>	Catalyst for epoxy and PU at low temperature, and high humidity conditions.
<b>S/W</b>	<b>Actiron<sup>®</sup> NXJ 60</b>	Catalyst for epoxy cured with dicyandiamide hardeners. 2-propyl imidazole.
<b>S/W</b>	<b>Actiron<sup>®</sup> NX 452</b>	Non yellowing acid blocked catalyst for stoving applications. Recommended for PES systems and epoxy.
<b>S/W</b>	<b>Actiron<sup>®</sup> NX 458</b>	Non labelled blocked acid catalyst for stoving systems, designed for OEM automotive, coil coatings and general industry stoving systems.



## ➤ BINDERS

### BINDERS

<b>W</b>	<b>Prox<sup>®</sup> AM 152</b>	Acrylic functional binder for temporary protective coatings. Alkali soluble.
<b>W</b>	<b>Prox<sup>®</sup> AM 157</b>	Acrylic resin in emulsion for fast drying films at low temperature. Provides hard but flexible films with good solvent resistance.
<b>W</b>	<b>Prox<sup>®</sup> AM 185 RS</b>	Acrylic resin in emulsion for industrial coatings on metals. Resistant to solvents.
<b>W</b>	<b>Prox<sup>®</sup> AM 219 RG</b>	Cationic acrylic co-polymer emulsion for coatings, inks and fibreglass. Provides soft effect.
<b>W</b>	<b>Prox<sup>®</sup> AM 270 R</b>	Cationic acrylic co-polymer emulsion for coatings, inks and fibreglass. Increases hardness.
<b>W</b>	<b>Prox<sup>®</sup> AMN 317 R</b>	Non ionic acrylic / acrylonitrile copolymer emulsion. Soft binder. Resistant to solvents.
<b>W</b>	<b>Prox<sup>®</sup> AMN 360 R</b>	Non ionic acrylic / acrylonitrile copolymer emulsion. Medium hard binder. Resistant to solvents.

### STYRENE-ACRYLICS

<b>W</b>	<b>Prox<sup>®</sup> AMS 169</b>	Carboxylated non ionic styrene acrylic copolymer emulsion. Produces a hard and glossy film, with high brightness. Cross linker for epoxy.
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### EPOXY

<b>W</b>	<b>Prox<sup>®</sup> EB 3400</b>	Aqueous emulsion of epoxy resin, with medium molecular weight. Grade 4. EEW 400-600. VOC and APEO free.
<b>W</b>	<b>Prox<sup>®</sup> EB 9913 C</b>	Aqueous emulsion of epoxy resin, with very high molecular weight. Grade 9. EEW > 3000. Low VOC. Self cross-linkable at 160° C.



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