



RELEASE AGENTS
HYDROPHOBISATION
CONCRETE ADMIXTURES
FIBRES
SPECIAL PRODUCTS

SERVICES



PLANT SUPPORT

WE GUIDE YOU THROUGH THE ENTIRE PROCESS

Our factory support includes technical support directly on site at your plant. Our experienced experts provide training, technical advice and continuous support of the production processes to ensure that our products are used optimally. We help you to customise the concrete admixtures to your specific requirements and support you with the Solving production problems.

With our factory support, we ensure that you achieve the highest quality and efficiency in your production, which reduces your costs and increases your productivity in the long term.

PRODUCT ANALYSES

WE ANALYSE YOUR PRODUCT

Our product analysis service offers you a detailed examination and evaluation of your concrete mixes. In our state-of-the-art laboratory, we analyse the composition and properties of your samples to ensure they the highest standards. We identify potential areas for improvement and provide you with sound recommendations to optimise the performance and quality of your concrete products.

Our product analyses help you to select the best a mixtures and formulations for your specific requirements, resulting in improved durability and strength of the concrete.





PRIVATE LABEL

SELL OUR PRODUCT IN YOUR NAME

With our private label service, we offer you the opportunity to sell our high-quality products under your own brand name. We support you in the development of customised packaging and labelling that strengthens your brand image. Our expertise and flexibility enable us to respond to your specific needs and provide you with products of the highest quality to deliver. The private label service helps you to strengthen your market position and stand out from the competition by offering your customers proven and trustworthy products.

LABORATORY ACTIVITIES

WE TEST YOUR PRODUCT

Our laboratory activities include a wide range of tests and inspections to ensure that your concrete products the required standards, specifications and current norms. Our services range from material analyses and mix optimisation to long-term tests and special investigations.

With state-of-the-art laboratory equipment and an experienced team, we offer precise and reliable results. These laboratory services support you in the development and improvement of your products and help you to recognise and rectify quality problems at an early stage.



In our download area, we provide you with a variety of useful resources and documents to help you get the most out of our products and services. Here you will find **product brochures, technical data sheets and application guides** that provide you with detailed information and instructions. Our downloads are accessible at any time and provide you with the information you need to use our products safely and efficiently. This service ensures that you always have the latest information and updates on our products and services.



WE STAND FOR

QUALITY

CUSTOMER SATISFACTION

INNOVATION

RELIABILITY

OVER 20 YEARS EXPERIENCE

We, STT GmbH, are a renowned manufacturer and producer of speciality products for the construction industry. Since our foundation in 2001, we have established ourselves as a reliable partner in the industry with a team of around 30 employees. Our corporate philosophy is based on the cornerstones of innovation, quality and sustainability. Through our continuous commitment to research and development, as well as our focus on ecological and social responsibility, our products are recognised and appreciated worldwide.

CONCRETE | CONSTRUCTION | CHEMISTRY | SOLUTIONS

Our 3CS brand epitomises our commitment to delivering advanced and sustainable solutions for the concrete industry. With decades of experience and a highly qualified team, we offer tailor-made concrete admixtures, release agents, hydrophobisation and fibres that significantly improve the quality and performance of concrete. Our product portfolio is aimed at various industries such as precast concrete plants, ready-mix concrete plants, paving and pavement construction.

stoneworks, building materials dealers, construction companies, screed layers and asphalt plants. By working closely with our customers, we develop solutions that the specific requirements of their construction projects. Our high quality and reliability guarantee always the highest level of customer satisfaction. STT GmbH stands for first-class products and services that the construction industry internationally forward.

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SUPERPLASTICIZER
AIR-ENTRAINING AGENT
RETARDER
ACCELERATOR
STABILISER

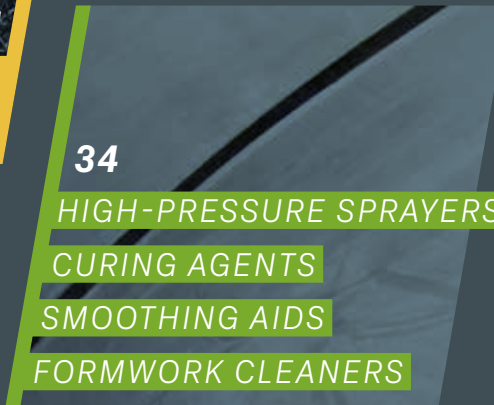
CONCRETE ADMIXTURES



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HIGH-PRESSURE SPRAYERS
CURING AGENTS
SMOOTHING AIDS
FORMWORK CLEANERS

SPECIAL PRODUCTS



APPLICATIONS AND INDUSTRIES



PRECAST PARTS



**FAIR FACED
CONCRETE**



MCP



**CONCRETE
ROOF TILES**



**TRANSPORT
CONCRETE**



**SELF
COMPACTING
CONCRETE**



SCREED

THE RIGHT PRODUCT FOR EVERY INDUSTRY

**PRECAST PARTS PLANTS
READY-MIX CONCRETE PLANTS
PAVING STONE PLANTS
BUILDING MATERIALS TRADE**

**CONSTRUCTION COMPANIES
SCREED LAYERS
ASPHALT PLANTS**

A photograph of a modern building with a curved facade and large windows, overlaid with a dark purple gradient. The text 'RELEASE AGENTS' is centered in white.

RELEASE AGENTS

-  **PLANT-BASED RELEASE AGENTS**
-  **MINERAL RELEASE AGENTS**
-  **EMULSIONS**
-  **MIXER PROTECTION**
-  **MOULD WAX**



EASYMOLD ECO 300

PLANT-BASED RELEASE AGENT

High-quality, environmentally friendly, solvent-free, easily degradable, lowemission release agent for the concrete industry in precast plants and on construction sites.

ADVANTAGES:

- » Suitable for exposed concrete
- » Based on renewable raw materials
- » Rapidly biodegradable
- » Corrosion protection

APPLICATION:

- » Concrete roof tile factories
- » Precast parts plants
- » In-situ concrete construction sites
- » Concrete products immediate demoulding

- » Low viscosity
- » Low consumption and easy processing
- » Reduction of cement residue build-up
- » Pores and stain-free exposed concrete surfaces



EASYMOLD ECO 308

PLANT-BASED RELEASE AGENT

High-quality, solvent-free, easily degradable, lowemission release agent for the concrete industry in precast plants and on construction sites.

ADVANTAGES:

- » Suitable for exposed concrete
- » biodegradable
- » Corrosion protection

APPLICATION:

- » Concrete roof tile factories
- » Precast parts plants
- » In-situ concrete construction sites
- » Concrete products immediate demoulding

- » Low consumption and easy processing
- » Reduction of cement residue build-up
- » Pores and stain-free exposed concrete surfaces



EASYMOLD ECO 311

PLANT-BASED RELEASE AGENT

High-quality, environmentally friendly, solvent-free, easily degradable, lowemission release agent for the concrete industry in precast plants and on construction sites.

ADVANTAGES:

- » Suitable for exposed concrete
- » Based on renewable raw materials
- » Rapidly biodegradable
- » Corrosion protection
- » Low viscosity

APPLICATION:

- » Concrete roof tile factories
- » Precast parts plants
- » In-situ concrete construction sites
- » Concrete products immediate demoulding

- » Low consumption and easy processing
- » Reduction of cement residue build-up
- » Pores and stain-free exposed concrete surfaces



EASYMOLD ECO 319

PLANT-BASED RELEASE AGENT

■ High-quality, environmentally friendly, easily degradable release agent for the concrete industry in precast plants and on construction sites.

ADVANTAGES:

- » Suitable for exposed concrete
- » Based on renewable raw materials
- » Replaces mineral oil products with high solvent content

APPLICATION:

- » Precast parts plants
- » In-situ concrete construction sites
- » Special applications in concrete construction

- » Excellent separating effect
- » Moulds stay clean
- » Low viscosity
- » Low consumption and easy processing



EASYMOLD ECO STYRO

MINERAL RELEASE AGENT

■ High-quality, solvent-free, easily degradable polystyrene release agent for the concrete industry in precast plants and on construction sites.

ADVANTAGES:

- » Does not attack polystyrene
- » Rapidly biodegradable

APPLICATION:

- » Polystyrene release agent
- » Precast parts plants
- » In-situ concrete construction sites
- » Concrete products immediate demoulding

- » Low viscosity
- » Low consumption and easy processing



EASYMOLD ECO STYRO 2

MINERAL RELEASE AGENT

■ High-quality, solvent- and mineral oil-free polystyrene release agent for the concrete industry, for use in precast plants and on construction sites.

ADVANTAGES:

- » Does not attack polystyrene
- » Water-based

APPLICATION:

- » Polystyrene release agent
- » Precast parts plants
- » In-situ concrete construction sites
- » Concrete products immediate demoulding

- » Rapidly biodegradable
- » Mineraloil-free
- » Low consumption and easy to use



EASYMOLD PROTECT 255

PLANT-BASED RELEASE AGENT

» Innovative, high-quality, solvent-free, easily biodegradable and low-emission mixer protection for the concrete industry.

ADVANTAGES:

- » Rapidly biodegradable
- » Mild odour
- » Corrosion protection

APPLICATION:

- » Mixer and machine protection
- » Concrete mixers and construction machinery
- » Concrete distributor
- » Road paver
- » Crane buckets and tools

- » Low viscosity
- » Low consumption and easy processing
- » Protects against concrete packing



EASYMOLD PROTECT 260

MINERAL RELEASE AGENT

» Innovative, high-quality special mixer protection for the concrete industry after wet cleaning.

ADVANTAGES:

- » Rapidly biodegradable
- » Corrosion protection
- » Low viscosity

APPLICATION:

- » Mixer and machine protection
- » Concrete mixers and construction machinery
- » Concrete distributor
- » Crane buckets and tools

- » Low consumption and easy processing



EASYMOLD TR-L 110

MINERAL RELEASE AGENT

» Novel, low-odour special release agent with flash point above 60°C for the production of fair-faced concrete in the precast plant and on the construction site.

ADVANTAGES:

- » Universal release agent
- » Excellent separating effect
- » Suitable for exposed concrete

APPLICATION:

- » Precast parts plants
- » In-situ concrete construction sites
- » Special applications in concrete construction

- » Corrosion protection
- » Low viscosity
- » Low consumption and easy processing



EASYMOLD TR-L 123

MINERAL RELEASE AGENT

High-quality special release agent for the concrete industry in precast plants and on the construction site, approved for drinking water tank construction

ADVANTAGES:

- » Suitable for exposed concrete
- » Rapidly biodegradable

APPLICATION:

- » Drinking water tank construction
- » Precast parts plants
- » In-situ concrete construction sites

- » Corrosion protection
- » Low viscosity
- » Low consumption and easy processing



EASYMOLD UB

EMULSIONS

Solvent-free, odourless and label-free release agent emulsion for concrete product manufacturers as a board care product

ADVANTAGES:

- » Mild odour
- » Based on renewable raw materials
- » Rapidly biodegradable

APPLICATION:

- » Concrete paving block plants
- » In-situ concrete construction sites
- » Maintenance underlay boards

- » Low viscosity
- » Low consumption and easy processing
- » Protection and care of the underlay boards



EASYMOLD BTR

EMULSIONS

Solvent-free, odourless, label-free release agent emulsion for precast plants and construction sites

ADVANTAGES:

- » Free from labelling
- » Mild odour
- » Based on renewable raw materials

APPLICATION:

- » Precast parts plants
- » In-situ concrete construction sites

- » Rapidly biodegradable
- » Low viscosity
- » Low consumption and easy processing



EASYMOLD MIX P 200

EMULSIONS

i High-quality, label-free, solvent-free, easily degradable, Low-emission release agent emulsion for the concrete industry for the production of fair-faced concrete in precast plants and on the construction site

ADVANTAGES:

- » Suitable for exposed concrete
- » Excellent separating effect
- » Mild odour

APPLICATION:

- » Precast parts plants
- » In-situ concrete construction sites
- » Hollow plank production - flooded formwork
- » Special applications in concrete construction

- » Rapidly biodegradable
- » Based on renewable raw materials
- » Low viscosity
- » Low consumption and easy processing
- » Free from labelling



EASYMOLD MIX P 202

EMULSIONS

i Innovative, high-quality, solvent-free, easily degradable, low-emission release agent emulsion for the concrete industry for the production of fair-faced concrete in the precast plant and on the construction site

ADVANTAGES:

- » Suitable for exposed concrete
- » Excellent separating effect
- » Mild odour
- » Rapidly biodegradable

APPLICATION:

- » Precast parts plants
- » In-situ concrete construction sites
- » Hollow plank production - flooded formwork
- » Special applications in concrete construction

- » Based on renewable raw materials
- » Low viscosity
- » Low consumption and easy processing
- » Moulds stay clean



EASYMOLD MIX P 217

EMULSIONS

i High-quality, solvent-free, easily degradable, universally applicable release agent emulsion for the concrete industry for the production of exposed concrete in precast plants and on construction sites.

ADVANTAGES:

- » Suitable for exposed concrete
- » Excellent separating effect
- » Low odour

APPLICATION:

- » Precast plants
- » In-situ concrete construction sites
- » Special applications in concrete construction

- » No labelling required
- » Corrosion protection
- » Low viscosity
- » Low consumption and easy to use



EASYMOLD MIX P 217 KP+

EMULSIONS

High-quality, solvent-free, easily degradable, universally applicable release agent emulsion for the concrete industry for the production of exposed concrete in precast plants and on

ADVANTAGES:

- » Suitable for exposed concrete
- » Excellent separating effect

APPLICATION:

- » Precast plants
- » In-situ concrete construction sites
- » Special applications in concrete construction

- » Low odour
- » No labelling required
- » high Corrosion protection
- » Low viscosity
- » Low consumption and easy to use



EASYMOLD MIX P 222

EMULSIONS

High-quality, solvent-free, easily degradable, universally applicable release agent emulsion for the concrete industry for the production of exposed concrete in precast plants and on construction sites.

ADVANTAGES:

- » Suitable for exposed concrete
- » Excellent separating effect
- » Low odour

APPLICATION:

- » Precast plants
- » In-situ concrete construction sites
- » Special applications in concrete construction

- » No labelling required
- » Corrosion protection
- » Low viscosity
- » Low consumption and easy to use



EASYMOLD MIX P 222 KP+

EMULSIONS

High-quality, solvent-free, easily degradable, universally applicable release agent emulsion for the concrete industry for the production of exposed concrete in precast plants and on construction sites.

ADVANTAGES:

- » Suitable for exposed concrete
- » Excellent separating effect
- » Low odour

APPLICATION:

- » Precast plants
- » In-situ concrete construction sites
- » Special applications in concrete construction

- » No labelling required
- » high Corrosion protection
- » Low viscosity
- » Low consumption and easy to use



EASYMOLD MIX EW

EMULSIONS

High-quality, solvent-free, easily degradable, wax-containing release agent emulsion for the concrete industry for the production of exposed concrete in precast plants and on construction sites.

ADVANTAGES:

- » Suitable for exposed concrete
- » Excellent separating effect
- » Mild odour

APPLICATION:

- » Precast parts plants
- » In-situ concrete construction sites
- » Special applications in concrete construction

- » Low viscosity
- » Low consumption and easy processing
- » Free from labelling



EASYMOLD WAX LIQUID

MOULD WAX

Innovative, sprayable, solvent-based special wax for the concrete industry for the production of fair-faced concrete in the precast plant and on the construction site

ADVANTAGES:

- » Suitable for exposed concrete
- » Sprayable wax
- » Corrosion protection
- » Easy processing

APPLICATION:

- » Precast parts plants
- » Segments
- » Special components
- » In-situ concrete
- » Special applications in concrete construction
- » Initial treatment of absorbent formwork
- » Unused formwork - effectively protect formwork tables



EASYMOLD SCHALÖL

MINERAL RELEASE AGENT

Solvent-free, mineral oil-based release agent for the concrete industry on construction sites and in precast plants.

ADVANTAGES:

- » Very good separating effect
- » Clean and easy demoulding

APPLICATION:

- » Precast parts plants
- » In-situ concrete construction sites

- » Low viscosity
- » Low consumption and easy processing

MINERAL RELEASE AGENT

- » Low consumption and easy processing
- » Reduction of Cement Film Deposits



HYDRO- PHOBISATION

- /// MASS HYDROPHOBISATION**
- /// SURFACE & ANTI-GRAFFITI PROTECTION**
- /// SEALANTS**



CONGUARD HYDRO SURFACE 606

SURFACE & ANTI-GRAFFITI PROTECTION

■ Surface impregnation based on reactive siloxane/silane raw materials

APPLICATION:

- » Water-repellent pre-treatment of building materials such as clinker, fibre cement, kerbstones, etc.
- » Surface impregnation of brick, stone and concrete façades

ADVANTAGES:

- » Effective protection against driving rain
- » Prevents efflorescence
- » Alkali-resistant

- » Hydrophobic coating with dirt-repellent character
- » Tested according to EN 1504-2:2005 Class I (penetration depth < 10 mm)



CONGUARD HYDRO SURFACE AGE

SURFACE & ANTI-GRAFFITI PROTECTION

■ High-quality anti-graffiti emulsion

ADVANTAGES:

- » Protection of facades and masonry
- » Solvent-free
- » Protective and hydrophobic

APPLICATION:

- » To be applied undiluted
- » facilitates the removal of sprayed-on paints (graffiti)



CONGUARD HYDRO PAVE 505

MASS HYDROPHOBISATION

■ High-quality mass hydrophobising agent for concrete and concrete products based on siloxane/silane

ADVANTAGES:

- » Hydrophobic effect
- » Reduction of water absorption
- » Effectively reduces efflorescence

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Precast factory

- » Improves frost and de-icing salt resistance
- » Visual enhancement for coloured concrete products



CONGUARD HYDRO PAVE 530

HYDROPHOBISATION

i Premium surface and mass water repellents for concrete and concrete products based on siloxane/silane

ADVANTAGES:

- » Hydrophobic effect
- » Reduction of water absorption
- » Effectively reduces efflorescence

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Precast parts plants

- » Improves frost and de-icing salt resistance
- » Visual enhancement for coloured concrete products



CONGUARD HYDRO PAVE 540

HYDROPHOBISATION

i Premium silane-based bulk water-repellent treatment for concrete and concrete products - with a lotus effect

ADVANTAGES:

- » Hydrophobic effect
- » Reduction of water absorption
- » Effectively reduces efflorescence

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Precast plant

- » A drop of water resting on a surface (lotus effect)
- » Improves frost and de-icing salt resistance
- » Visual enhancement for coloured concrete products



CONGUARD HYDRO PAVE 555

HYDROPHOBISATION

i Premium mass water-repellent agent based on fatty acids and highly effective additives for concrete and concrete products, designed to minimize primary and secondary efflorescence. Suitable for use in face and core concrete.

ADVANTAGES:

- » Suitable for use in concrete for formwork and core concrete
- » Reduces primary efflorescence during the curing phase

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Precast plant

- » Reduction of secondary efflorescence caused by external water ingress
- » Hydrophobic effect
- » Reduction of Water Absorption
- » Effectively Reduces Efflorescence



ADCON HYDRO 202

HYDROPHOBISATION

i Hydrophobic admixture for use in high-quality concrete products

ADVANTAGES:

- » Increased frost resistance
- » Reduction of capillary water absorption
- » Economical dosing due to very high efficiency

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Precast parts plants

- » Improving the surface properties of concrete products
- » Colour intensification for coloured concrete products
- » Reduction of lime efflorescence and brown discolouration



ADCON HYDRO 208

HYDROPHOBISATION

i Premium siloxane-based surface and bulk water-repellent agents for concrete and concrete products

ADVANTAGES:

- » Water-repellent effect
- » Reduction in water absorption
- » Effectively reduces efflorescence

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Precast plant

- » Improves resistance to frost and de-icing salt
- » Enhances the appearance of colored concrete products



CONGUARD HYDRO SURFACE CREME 80

HYDROPHOBISATION

i Premium hydrophobic cream based on silane/siloxane, tested according to EN 1504-2:2004 with penetration depth class II: $\geq 10\text{mm}$

ADVANTAGES:

- » High concentration of active ingredients (approx. 80%)
- » High penetration depth due to the long dwell time of the cream on the surface of the building material

APPLICATION:

- » Precast parts plants
- » concrete components
- » Concrete goods production

- » Non-drip application - easy to work with, even overhead
- » Suitable for all mineral and alkaline substrates and building materials
- » Highly hydrophobic effect



/// SUPERPLASTICIZER

/// AIR-ENTRAINING AGENT

/// RETARDER

/// ACCELERATOR

/// STABILISER



ADCON BRICK 715

SUPERPLASTICIZER

i Specially developed raw material combination for cement-bound building materials. Targeted area of application for wet and earth-moist concrete types in the concrete products sector.

ADVANTAGES:

- » Improvement of the compaction behaviour
- » Reduction of the compression energy
- » Improvement of concrete quality in the processing of concrete products

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Precast parts plants



ADCON BRICK GREY 01

SUPERPLASTICIZER

i High-quality, efflorescence-reducing compaction aid for concrete with earth-moisture content. Its primary applications are concrete products and core concrete.

ADVANTAGES:

- » Reduction of primary efflorescence during the curing phase
- » Increased durability of the concrete matrix
- » Improved resistance to frost and de-icing salt
- » Improved compactability

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Concrete Types with Earth Moisture



ADCON BRICK CORE 722

SUPERPLASTICIZER

i An innovative, specially developed combination of fatty acid-based raw materials for cement-bound building materials. Intended for use in earth-moist concrete mixes in the precast concrete products sector

ADVANTAGES:

- » Reduction of primary efflorescence during the curing phase
- » Increase in the durability of the concrete structure

APPLICATION:

- » Concrete Product Manufacturing
- » Colored Concrete Products
- » Concrete Pipe Manufacturing
- » Concrete Mixes with Natural Moisture

- » Improved compactability
- » Reduced compaction energy
- » Improved concrete quality in the processing of concrete products
- » Color intensification
- » Cost-effective dosing through high efficiency



ADCON BETONDICHT 035

SUPERPLASTICIZER

i Highly effective, chloride-free, water-dilutable high-performance sealant for concrete and mortar based on innovative raw material mixtures with polycarboxylate ether.

ADVANTAGES:

- » Improvement of the compaction behaviour
- » Reduction of the compression energy
- » Improvement of concrete quality during processing

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Precast parts plants
- » In-situ concrete

- » Economical dosing thanks efficient efficiency
- » Improvement of the concrete properties due to Durability of the concrete/mortar



ADCON SCREED 707

SUPERPLASTICIZER

i High-performance superplasticiser formulations for screed coating. Special area of application for screeds and earthmoist concrete types.

ADVANTAGES:

- » Very good liquefaction properties
- » Significantly higher early strength of the concrete
- » improved concrete properties

APPLICATION:

- » Screed production
- » Soil-moist concrete types
- » Monolithic concrete floors

- » high energy-saving potential
- » Shortening the curing times
- » Shortening the document life cycle
- » Use of less reactive cement types possible



ADCON SCREED HEV

SUPERPLASTICIZER

i Chloride-free, highly effective superplasticiser for heated screed coating. Special area of application for cementitious screeds indoors and outdoors.

ADVANTAGES:

- » Improvement of the compaction behaviour
- » Reduction of the compression energy
- » Improvement of screed quality during processing

APPLICATION:

- » Cement-bound heated screeds
- » Screeds indoors and outdoors in general

- » Shortening the document life cycle
- » Improved heating pipe sheathing due to good plasticisation of the screed
- » Economical dosing thanks efficient efficiency



ADCON PLAST 749

SUPERPLASTICIZER

i Specially developed surfactant formulation for cementitious building materials. Targeted application area for wet and earth-moist concrete types in the concrete goods sector.

ADVANTAGES:

- » Dense side closure on the paving stone
- » Clean edge formation
- » Greater green stability
- » Excellent compaction behaviour

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Precast parts plants

- » Reduction of the compression energy
- » Improvement of concrete quality in the processing of concrete products



ADCON PLAST 751

SUPERPLASTICIZER

i Specially developed raw material combination of newly formulated polycarboxylate ethers and compaction aids for cement-bound building materials. Targeted area of application for wet and earth-moist concrete types in the concrete products sector.

ADVANTAGES:

- » Dense side closure on the paving stone
- » Clean edge formation
- » Greater green stability
- » Excellent compaction behaviour

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Precast parts plants

- » Reduction of the compression energy
- » Improvement of concrete quality in the processing of concrete products
- » Economical dosing thanks efficient efficiency



ADCON FT 822

SUPERPLASTICIZER

i High-performance superplasticiser for precast plants and ready-mix concrete based on polycarboxylate ether, with very good liquefaction properties and rapid early strength development.

ADVANTAGES:

- » Good liquefaction with low dosage
- » Reduction of the compression energy
- » Improvement of concrete quality during processing

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants

- » Economical dosing thanks efficient efficiency
- » Improvement of the concrete properties due to reduction of the W/B value
- » Compatibility with 3CS® AdCon LP agents



ADCON FT 840

SUPERPLASTICIZER

i High-performance superplasticiser for precast plants and ready-mix concrete based on polycarboxylate ether with excellent plasticising properties and high early strength development.

ADVANTAGES:

- » Very strong liquefaction with low dosage
- » Reduction of the compression energy
- » Improvement of concrete quality during processing
- » Economical dosing thanks efficient efficiency
- » Improvement of the concrete properties

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants

- » due to reduction of the W/B value
- » Stable concrete structure even with high dosages
- » Short stripping times
- » Stable concrete structure even with high dosages
- » Compatibility with 3CS® AdCon LP agents



ADCON HP 900

SUPERPLASTICIZER

i High-grade consistency enhancer as an additive for high-performance superplasticisers for precast plants and ready-mix concrete as well as for clayey aggregates based on polycarboxylate ether.

ADVANTAGES:

- » Consistency maintenance can be controlled via the dosing quantity in conjunction with 3CS® AdCon high-performance superplasticisers
- » Economical dosing thanks efficient efficiency

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants

- » Stable concrete structure even with high dosages
- » Short stripping times despite long consistency maintenance



ADCON HP 925

SUPERPLASTICIZER

i High-performance superplasticiser for transit concrete and precast plants based on innovative, special polycarboxylate ether mixtures. Top performance in use with SCC and ECC concretes. Reduction of viscosity and stickiness of the concrete.

ADVANTAGES:

- » Improvement of concrete rheology
- » Reduction of the viscosity and stickiness of the concrete
- » Improvement and facilitation of the sound quality in processing

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants

- » Economical dosing thanks efficient efficiency
- » Improvement of the concrete properties due to reduction of the W/B value
- » Stable concrete structure even with high dosages
- » Short stripping times
- » Compatibility with 3CS® AdCon LP agents



ADCON HP 950

SUPERPLASTICIZER

i High-performance superplasticiser for ready-mixed concrete and precast plants based on innovative, special polycarboxylate ether mixtures. Top performance in use with SCC and ECC concretes. Reduction of viscosity and stickiness of the concrete.

ADVANTAGES:

- » Reduction of the viscosity and stickiness of the concrete
- » Improvement and facilitation of concrete quality during processing

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants

- » Economical dosing thanks efficient efficiency
- » Improvement of the concrete properties due to reduction of the W/B value
- » Compatibility with 3CS®AdCon LP agents



ADCON HP-L 910

SUPERPLASTICIZER

i High-performance superplasticiser for precast plants and ready-mix concrete based on polycarboxylate ether, optimised for controlled, lasting consistency of the concrete for up to 105 minutes.

ADVANTAGES:

- » High and long-lasting liquefaction
- » Improvement of concrete quality during processing
- » Economical dosing thanks efficient efficiency

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants

- » Improvement of the concrete properties due to reduction of the W/B value
- » Stable concrete structure even with high dosages
- » short stripping times
- » Compatibility with 3CS®AdCon LP agents



ADCON HP 1023 LV

SUPERPLASTICIZER

i New high-performance superplasticizer for ready-mix concrete and precast concrete plants based on special polymer technology. Top performance when used with SCC and ECC concretes. Significantly reduced viscosity and stickiness of the concrete.

ADVANTAGES:

- » reduction of compaction energy
- » Improvement of concrete quality during processing

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants

- » Economical dosing thanks efficient efficiency
- » Improvement of the concrete properties due to reduction of the W/B value
- » Compatibility with 3CS®AdCon LP agents



ADCON HP 1030 LV

SUPERPLASTICIZER

i New high-performance superplasticizer for ready-mix concrete and precast concrete plants based on special polymer technology. Top performance when used with SCC and ECC concretes. Significantly reduced viscosity and stickiness of the concrete.

ADVANTAGES:

- » increased active ingredient concentration
- » Improvement of concrete quality during processing
- » Economical dosing thanks efficient efficiency

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants



ADCON TB 705

SUPERPLASTICIZER

i High-performance superplasticiser for transport concrete and precast plants Polycarboxylate ether base, optimised for controlled, lasting consistency of the concrete for up to 105 minutes.

ADVANTAGES:

- » High and long-lasting liquefaction
- » Improvement of concrete quality during processing
- » Economical dosing thanks efficient efficiency

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants



ADCON TB 712

SUPERPLASTICIZER

i High-performance superplasticiser for ready-mixed concrete and precast plants based on polycarboxylate ether, optimised for controlled, lasting consistency of the concrete for up to 100 minutes.

ADVANTAGES:

- » High and long-lasting liquefaction
- » Improvement of concrete quality during processing
- » Economical dosing thanks efficient efficiency

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants



ADCON AIR B 045

AIR-ENTRAINING AGENT

Stable, surfactant-based air-entraining agent with a low concentration of active ingredients

ADVANTAGES:

- » Increase in frost/de-icing agent resistance
- » High stability in the micro-air void area
- » Accurate LP concrete production

APPLICATION:

- » Concretes with high frost or deicing salt resistance
- » Ready-mix concrete
- » Precast parts plants

- » Optimisation of the air pore system
- » Compatible with 3CS® AdCon concrete admixtures
- » Economical dosing due to high efficiency



ADCON AIR B 090

AIR-ENTRAINING AGENT

Stable surfactant-based air-entraining agent with increased active ingredient concentration

ADVANTAGES:

- » Increase in frost/de-icing agent resistance
- » High stability in the micro-air void area
- » Accurate LP concrete production
- » Optimisation of the air pore system

APPLICATION:

- » Concretes with high frost or deicing salt resistance
- » Ready-mix concrete
- » Precast parts plants

- » Compatible with 3CS® AdCon concrete admixtures
- » Economical dosing due to high efficiency



ADCON AIR B 103

AIR-ENTRAINING AGENT

Stable surfactant-based air-entraining agent with a high concentration of active ingredients

ADVANTAGES:

- » Increase in frost/de-icing agent resistance
- » High stability in the micro-air void area
- » Accurate LP concrete production
- » Optimisation of the air pore system

APPLICATION:

- » Concretes with high frost or deicing salt resistance
- » Ready-mix concrete
- » Precast parts plants

- » Compatible with 3CS® AdCon concrete admixtures
- » Economical dosing due to high efficiency



ADCON RETARD 20

RETARDER

i Retarder formulation for use in ready-mixed concrete and precast plants

ADVANTAGES:

- » Reliable fulfilment of the requirement in accordance with ÖNORM B4710-1 (VV/VA)
- » Economical dosing due to high efficiency

APPLICATION:

- » Mortar
- » Ready-mix concrete
- » Precast parts plants



ADCON HY SPEED

ACCELERATOR

i Unique hardening accelerator for cement-bound systems in ready-mixed concrete and precast plants

ADVANTAGES:

- » Increased early strength even at low temperatures
- » Use of less reactive cements possible
- » Shortening of the stripping periods

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants
- » Mortar

- » Reduction of heating costs in heating chambers
- » Multiple use of the formwork
- » Optimisation of productivity



ADCON HY SPEED ULTRA

ACCELERATOR

i Unique hardening accelerator with increased concentration of active ingredients for cement-bound systems in ready-mixed concrete and precast plants.

ADVANTAGES:

- » Dosing advantage
- » Increased early strength even at low temperatures
- » Use of less reactive cements possible

APPLICATION:

- » Ready-mix concrete
- » Precast parts plants
- » Mortar

- » Shortening of the stripping periods
- » Reduction of heating costs in heating chambers
- » Multiple use of the formwork



ADCON ES 20

SUPERPLASTICIZER

i High-performance superplasticiser formulations for screed coating. Special area of application for screeds and earthmoist concrete types

VORTEILE:

- » Very good liquefaction properties
- » Novel molecular structure
- » Significantly higher early strength of the concrete

APPLICATION:

- » Precast parts plants
- » Screed production
- » Soil-moist concrete types
- » Monolithic concrete floors



ADCON PAVE 019

SUPERPLASTICIZER

i High-performance superplasticiser formulations. For cementitious building materials. Special area of application for wet and earth-moist concrete types in the concrete goods sector.

ADVANTAGES:

- » Improvement of the compaction behaviour
- » Economical dosing thanks efficient efficiency

APPLICATION:

- » Concrete goods production
- » Concrete pipe production
- » Precast parts plants

- » Improvement of concrete quality in the processing of concrete products
- » Improvement of the concrete properties due to reduction of the W/B value



ADCON DEFOAMER 50

STABILIZER

i High-performance air-entraining admixtures – formulations for fresh concrete. Special area of application: ready-mix concrete, prefabricated parts and concrete products.

ADVANTAGES:

- » To reduce unwanted air voids in fresh concrete
- » Improves de-aeration in fresh concrete
- » Reduces shrink holes in exposed concrete

APPLICATION:

- » ready-mix concrete
- » Precast parts plants
- » Concrete goods production
- » fiber concrete

- » Improves de-aeration in fresh concrete
- » De-aers unwanted air voids in fiber concrete
- » Reducing the air void content can increase the bulk density



ADCON DEFOAMER 80

STABILIZER

i High-performance air-entraining admixtures – formulations for fresh concrete. Special area of application: ready-mix concrete, prefabricated parts, screeds and concrete products.

» **ADVANTAGES:**

- » To reduce unwanted air voids in fresh concrete
- » Improves de-aeration in fresh concrete
- » Reduces shrink holes in exposed concrete
- » Improves de-aeration in fresh concrete

APPLICATION:

- » ready-mix concrete
 - » Precast parts plants
 - » screed
 - » Concrete goods production
 - » fiber concrete
-
- » De-airs unwanted air voids in fiber concrete
 - » Reducing the air void content can increase the bulk density
 - » At the same time, strength is increased
 - » Reduces foam formation in the residual water tank



FIBRE

||| MICROFIBRES

||| MACROFIBRES



FIBCON 012

MICROFIBRES

i High-performance polypropylene microfibre 12 mm

ADVANTAGES:

- » Simple processing
- » Reduces the tendency to crack due to plastic shrinkage
- » No rust staining

APPLICATION:

- » Ready-mix concrete
- » Screed
- » Shotcrete
- » Segments
- » Precast parts plants

- » The nature of the material results in low wear on the mixing and conveyor systems



FIBCON 018

MICROFIBRES

i High-performance polypropylene microfibre 12 mm

ADVANTAGES:

- » Simple processing
- » Reduces the tendency to crack due to plastic shrinkage

APPLICATION:

- » Screed
- » Shotcrete
- » Segments
- » Precast parts plants

- » No rust staining
- » The nature of the material results in low wear on the mixing and conveyor systems



FIBCON 154 SPA

MACROFIBRES

i High-performance Polypropylen Makrofaser 54 mm

ADVANTAGES:

- » Improve the ductility of concrete components
- » Transmit tensile forces between the cracks
- » Reduce cracking due to drying shrinkage
- » Stainless steel reinforcement

APPLICATION:

- » Ready-mix concrete
- » Screed
- » Shotcrete
- » Segments
- » Precast parts plants

- » Simple dosing and low influence on the workability of the concrete
- » The nature of the material results in low wear on the mixing and conveyor systems



FIBCON BF 6

MAKROFASER

i High-performance basalt fibre with a length of 6 mm

ADVANTAGES:

- » Improve the ductility of concrete components
- » Transfer tensile forces between cracks
- » Reduce crack formation due to drying shrinkage

APPLICATION:

- » Screed
- » Delicate components
- » Industrial flooring
- » Precast parts plants

- » Rust-free reinforcement
- » Easy dosing and minimal impact on the workability of the concrete
- » The material properties result in low wear on mixing and conveying equipment



FIBCON GF 12

FIBRE OPTIC

i High-performance fibre optic 12 mm

ADVANTAGES:

- » Easy to apply
- » Reduces the tendency to crack due to plastic shrinkage
- » No rust stains

APPLICATION:

- » Screed
- » Repair mortar
- » Shotcrete
- » Segments
- » Thin-walled components such as façade panels (GRC/GFRC)

- » The nature of the material results in minimal wear on the mixing and conveying systems



FIBCON GF 12 AR

FIBRE OPTIC

i High-performance fibre optic alkali resistant 12 mm

ADVANTAGES:

- » Alkali-resistant
- » Easy to work with, even at high dosages

APPLICATION:

- » Screed
- » (repair) mortar
- » Precast concrete plants
- » Thin-walled components such as façade panels (GRC/GFRC)

- » Ideal for use with complex profiles



SPECIAL PRODUCTS

||| CURING AGENTS

||| TROWELS

||| FORMWORK CLEANERS



ADCON CARE 870

CURING AGENTS

■ High-quality, solvent-free, sprayable after-treatment agent based on a paraffin dispersion

ADVANTAGES:

- » Highly effective evaporation protection
- » Reduces the occurrence of plastic shrinkage
- » Improves the shrinkage behaviour
- » Reduces dust formation

APPLICATION:

- » Concrete road production
- » Precast parts plants
- » In-situ concrete



ADCON STABI FL

SPECIAL PRODUCTS

■ Stabiliser for highly flowable types of concrete, mortar and suspensions.

ADVANTAGES:

- » Has a stabilising and homogenising effect
- » Reduces water secretion
- » Excellent water retention capacity

APPLICATION:

- » Concrete road production
- » Precast parts plants



ADCON CLEANER FW

C

■ High-quality, environmentally friendly special cleaner for all types of concrete formwork based on renewable raw materials with corrosion inhibitor

ADVANTAGES:

- » Special cleaner for all types of formwork
- » Corrosion protection

APPLICATION:

- » Circulation systems
- » Precast parts plants
- » In-situ concrete construction sites
- » Long-term storage of formwork



- » Low viscosity
- » Low consumption and easy processing



ADCON CLEANER FW 2

FORMWORK CLEANERS

■ High-quality, solvent-free, specialty cleaner for all types of concrete formwork, based on esters with a corrosion inhibitor

ADVANTAGES:

- » Special cleaner for all types of formwork
- » Corrosion protection

APPLICATION:

- » Circulation systems
- » Precast parts plants
- » In-situ concrete construction sites
- » Long-term storage of formwork

- » Low viscosity
- » Low consumption and easy processing



ADCON GLÄTTHILFE FW

SMOOTHING AIDS

■ High-quality smoothing aid and intermediate curing agent for fresh concrete surfaces

ADVANTAGES:

- » Facilitates the smoothing of the concrete
- » Protection from drying out too quickly
- » Prevention of shrinkage cracks

APPLICATION:

- » Precast parts plants
- » In-situ concrete construction sites
- » Industrial floors
- » Screeds

- » Better concrete surface quality
- » Low consumption and easy processing



ADCON GLÄTTHILFE FW2

SMOOTHING AIDS

■ High-quality smoothing aid and intermediate curing agent for fresh concrete surfaces

ADVANTAGES:

- » Facilitates the smoothing of the concrete
- » Protection from drying out too quickly
- » Prevention of shrinkage cracks
- » Better concrete surface quality

APPLICATION:

- » Precast parts plants
- » In-situ concrete construction sites
- » Industrial floors
- » Screeds

- » Low consumption and easy processing
- » can be diluted with water up to 1:3



ADCON SHRINK CONTROL

SPECIAL PRODUCTS

i Alcohol-based shrinkage reducer for the production of concrete and screed mortar.

ADVANTAGES:

- » Shrinkage reduction
- » Reduction of cracking due to
- » Low consumption and easy processing

APPLICATION:

- » Precast parts plants
- » Façade elements
- » White topping



ADCON SHRINK CONTROL 2

SPECIAL PRODUCTS

i Polyether-based shrinkage reducer for the production of concrete and screed mortar.

ADVANTAGES:

- » Shrinkage reduction
- » Reduction of cracking due to

APPLICATION:

- » Precast parts plants
- » HPC/ UHPC
- » Façade elements
- » Screed - Self-leveling screed
- » White Topping

- » Low consumption and easy processing
- » Low VOC content



ADCON SPLITTBINDER FLEX

SPECIAL PRODUCTS

i Special binder based on high-quality acrylic copolymers for the stable stabilization of stone fill. Ideal for use under screed thanks to its excellent alkali resistance

ADVANTAGES:

- » Can also be used with damp aggregate
- » Acrylic copolymer-based—for a durable and flexible bond

APPLICATION:

- » Gravel Fill
- » Applications under screed
- » Suitable for indoor and outdoor use

- » Alkali-resistant – ideal for use under cement screeds
- » Improves sound insulation in floor systems
- » Formaldehyde-free – suitable for indoor and outdoor applications





ADCON BETONLÖSER UNI

FORMWORK CLEANERS

■ Ready-to-use, acid-based cleaner for dissolving mortar and cement residues

ADVANTAGES:

- » Strong dissolving effect
- » Removes limescale and cement residue
- » Low consumption and easy processing

APPLICATION:

- » Precast parts plants
- » Ready-mix concrete plants
- » Tools for concrete processing



ACRYLDISPERSION

FORMWORK CLEANERS

■ Special styrene-acrylic emulsion as a plasticizer for cement-bound building materials with a high solids content

ADVANTAGES:

- » High solids content
- » Increases bond strength
- » Increases flexural strength in cement-bound systems

APPLICATION:

- » Precast Plant
- » Ready-Mix Concrete
- » Concrete Products
- » Curing of Concrete and Screed
- » Adhesive Emulsion
- » Denser concrete structure
- » Increases water retention capacity
- » Reduces early-age shrinkage cracking
- » Can be used as a finishing aid
- » Temporary protection against evaporation

DISCLAIMER:

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