



# Construction Products

An Overview



## Problems Solved

Aquafin Pakistan is a joint venture company between Aquafin International GmbH group and the Millwala group in Pakistan. From 2004 to now, Aquafin Pakistan has embarked on a journey to be one of the leading manufacturers of construction chemicals in Pakistan. The company manufactures a comprehensive range of building materials that includes Waterproofing Products, Tiling Solutions, Concrete Admixtures, Repair Mortars and much more.

Our Mission is to incorporate the best possible product solution to facilitate our customers requirements as per the details provided by the architects, structural engineers, and consultants. Our team of engineers work closely with the nominated representatives of our customers to deliver on the ideal solution for their respective construction needs.

# Construction Products



## An Overview

### Contents

<b>4</b>	<b>Additives and Primers</b> For Plasters & Screeds	<b>29</b>	<b>Primers &amp; Sealers</b> Acrylic Primers & Floor Sealers High Performance Specialty Primers & Sealers
<b>5</b>	<b>Admixtures</b> Color Intensifying & Efflorescence Reducing Admixture	<b>31</b>	
6	Crystalline Waterproofing Admixture	<b>32</b>	<b>Tile Adhesives</b> Cementitious
7 - 10	Plasticizers & Superplasticizers	<b>32 - 33</b>	
<b>11</b>	<b>Concrete Restoration</b> Mortars & Restoration Plasters	<b>34</b>	<b>Tile Grout</b> Cementitious
11 - 13		<b>34</b>	
<b>14</b>	<b>Grouts</b> Cementitious Epoxy Based	<b>35</b>	<b>Waterproofing</b> Acrylic Based Bituminous Cementitious PVC Membrane
14 - 15		35	
16		36	
		37 - 39	
		40	
<b>17</b>	<b>Epoxy Products</b> Epoxy Bonding Agent/Filler Epoxy Coating Epoxy Flooring/Sealers Epoxy Floor Screed Epoxy Tank Lining	<b>41</b>	<b>Water Repellents</b> Coating
17		41 - 42	
18 - 19			
20 - 21			
22			
23			
<b>24</b>	<b>Floor Leveler and Hardener</b> Cementitious		
24			
<b>25</b>	<b>Joint Protection</b> Water Stopper		
25			
<b>26</b>	<b>Joint Tapes</b> Movement Joints		
26			
<b>27</b>	<b>Polyurethane Injection</b> Waterproofing of Water-bearing Cracks		
27			
<b>28</b>	<b>Injections</b> Solution For Horizontal Barriers		
28			

# Additives and Primers



## For Plasters & Screeds

### ADIPLAST-M

ADIPLAST-M is a ready-to-use powder admixture specifically designed for the production of water-resistant mortars & concretes.

- Increased watertightness & reduced permeability.
- Enhanced workability.
- Increase resistance to aggressive conditions.
- Reduced water absorption.
- Increased compressive strength.
- Improves anti-corrosive properties of mortar/concrete.
- Chloride free.



### AQUAFIN®-LATEX

AQUAFIN®-LATEX is a highly concentrated bonding agent, free from acetate and softening agents, used for creating polymer modified mortars and screeds. The addition of AQUAFIN®-LATEX improves workability and enhances the physical properties of the mortars and screeds.

### ASO® UNIGRUND-P

ASO® Unigrund-P is a ready to use primer that reduces the absorption of substrates, binds surface dust, consolidates, and prevents rapid water loss from leveling compounds. ASO® Unigrund-P is used for priming absorbent and lightly sanded substrates e.g., gypsum-based construction materials (plaster, interlocking gypsum slabs, boards, screeds), concrete, masonry work, marble, granite and similar substrates.



# Admixtures



Colour Intensifying & Efflorescence  
Reducing Admixture



## PURCOLOR-6000

PURCOLOR-6000 is a colour intensifying and efflorescence reducing admixture. The hydrophobic nature of PURCOLOR-6000 reduces capillary absorption, which considerably reduces efflorescence. PURCOLOR-6000 increases the degree of compaction in the concrete, which consequently gives an even and closed surface texture. For the production of the coloured garden and landscaping structures, such as e.g. :

- Paving blocks
- Curbstones and edging stones
- Pathways and slabs for terraces and other concrete of consistency classes F1 and F2

# Admixtures

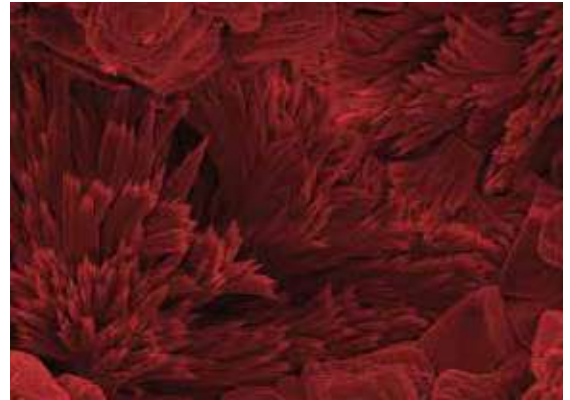


## Crystalline Waterproofing Admixture

### BETOCRETE®-C16

BETOCRETE®-C16 is a crystalline technology concrete admixture used to produce permanently active waterproofing concrete in:

- Water retaining structures potable water tanks, sewage treatment plants, and septic tanks.
- Water excluding structures; retaining walls, tunnels, elevator pits, and dams.
- Below grade structures; piles foundations, basements.
- Mass concrete.



### BETOCRETE®-C35

BETOCRETE®-C35 is a crystalline technology concrete admixture in powder form that is used to produce permanently active waterproof concrete.

- Permanently active; will self-heal future static cracks up to 400 microns.
- It is used in water excluding structures; retaining walls, tunnels, elevator pits, and dams.
- Compatible with most types of concrete admixtures.
- Improved final strength.

### BETOCRETE®-CP-350-CI

BETOCRETE®-CP-350-CI is a powder-based admixture for designing a watertight concrete with innovative 2-in-1 technology. Nano-crystals are formed in the capillaries by special catalysts, which become active in contact with water forming a sustainable and permanently water-impermeable concrete. In addition, reinforcing steel is protected against corrosion.



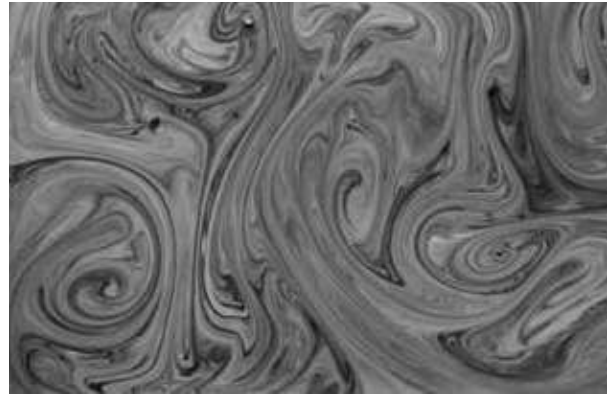
# Admixtures



## Plasticizers and Superplasticizers

### ASOLIT-LP/K

ASOLIT-LP/K is a liquid air-entraining agent free from chloride for concrete, plaster and mortar. It has plasticizing properties. Concrete and mortar become more resilient. ASOLIT-LP/K reduces the water demand, increases the water retention, produces a maximum value of micro air voids and improves the resistance to environmental influences, dew salt etc.



### REMICRETE PCSP

Remicrete PCSP is an innovative new generation polycarboxylate ether-based slump retaining aid with super retention technology. Polycarboxylate superplasticizer is a new type of concrete admixture for concrete. It can be used in high-strength concrete, high-performance concrete, mass concrete and high-quality flow plastic concrete.

### REMICRETE®-A100

REMICRETE®-A100 is a high-performance, liquid, water-reducing “plasticizer” & waterproofing concrete admixture formulated to improve workability, reduce permeability and improve durability. Once incorporated in the mix, REMICRETE®-A100 is adsorbed on the cement particles’ surface inducing a powerful deflocculating property, effectively reducing the concrete mixing water demand and improving the physical and mechanical properties of the resultant concrete. REMICRETE®-A100 is based on a blend of modified Lignosulphonates and organic modifiers designed with the main purpose of reducing workability loss.



# Admixtures



## Plasticizers and Superplasticizers

### REMICRETE®-D300

REMICRETE®-D300 is a liquid, plasticizer & retarding concrete admixture formulated to improve the workability of concrete mixes. Once incorporated in the mix, REMICRETE®-D300 is adsorbed on the cement particles surface inducing a powerful deflocculating property, effectively reducing the concrete mixing water demand and improving the physical and mechanical properties of the resultant concrete. REMICRETE®-D300 is based on a blend of modified Lignosulphonate and organic modifiers & retarders designed with the main purpose of reducing workability loss in tropical climates.



### REMICRETE®-F4 (FM)

REMICRETE®-F4 (FM) is a concentrated superplasticiser for low w/c concretes or where highly flowable mixes are required without affecting setting times. Based on naphthalene sulphonate, REMICRETE®-F4 (FM) will result in better dispersion of cement agglomerates and optimal wetting of cement particles. REMICRETE®-F4 (FM) is particularly suited for the production of ready mix and pre-cast concretes.

### REMICRETE®-G1000

REMICRETE®-G1000 is a retarding, high-range, water-reducing, superplasticizing concrete admixture. REMICRETE®-G1000 is formulated to produce high-quality concrete in hot climates with excellent following properties whilst increasing retardation and extending transportation times. Once incorporated in the mix, REMICRETE®-G1000 is absorbed on the cement particles surface inducing a powerful deflocculating property, effectively reducing mixing water demand and improving both physical and mechanical properties of the resultant concrete. REMICRETE®-G1000 is based on a selection of synthetic polymers.



# Admixtures



## Plasticizers and Superplasticizers

### REMICRETE®-G2000

REMICRETE®-G2000 is a retarding, high-range, water-reducing, superplasticizing concrete admixture with workability retention. REMICRETE®-G2000 is formulated to produce high-quality concrete in hot climates with excellent flowing properties to improve early & ultimate strengths whilst increasing retardation and extending transportation times. Once incorporated in the mix, REMICRETE®-G2000 is adsorbed on the cement particles surface inducing a powerful deflocculating property, effectively reducing mixing water demand and improving both physical and mechanical properties of the resultant concrete. REMICRETE®-G2000 is composed of a selection of synthetic polymers.



### REMICRETE®-G3000

REMICRETE®-G3000 is a retarding and high-range water-reducing concrete admixture with workability retention. REMICRETE®-G3000 is formulated to produce high-quality concrete in hot climates with excellent flowing properties and to improve early & ultimate concrete strengths with a set retarding effect enabling long transportation of concrete as well as to enable the use of pozzolanic materials such as silica fume, fly ash and blast furnace slag. It effectively reduces the concrete mixing water, so it improves all physical and mechanical properties of the concrete. Once incorporated in the mix REMICRETE®-G3000 is adsorbed on cement particles introducing a powerful deflocculating behavior which helps in the reduction of the mixing water and allowing increasing both early and ultimate strengths. REMICRETE®-G3000 is based on selected synthetic polymers & retarders and manufactured under controlled conditions assuring consistent quality.

# Admixtures



## Plasticizers and Superplasticizers



### **SAVEMIX® 3000 (BV)**

SAVEMIX® 3000 (BV) is a versatile concrete plasticizer for ready-mixed and site-mixed concrete. The product allows, amongst others, the safe adjustment of the slump in F3 concrete (flow slump class acc. to EN). SAVEMIX® 3000 (BV) improves the properties of fresh and hardened concrete:

- For all concretes of a regular consistency.
- Fair-faced concrete.
- Pumped concrete.

# Concrete Restoration



## Mortars & Restoration Plasters

### ASOCRET®-BIS-0/2

ASOCRET®-BIS-0/2 is a mineral-based corrosion protector and bonding slurry with the following properties:

- Ready to use after mixing with water.
- Water impermeable.
- Resistant to saponification.
- Resistant to frost and de-icing salts.
- Cures with low shrinkage and is free from cracks even under dynamic loading.
- Very easy to use even on vertical and "overhead"



### ASOCRET®-BIS-1/6

ASOCRET®-BIS-1/6 is a mineral based fine repair mortar for 1-6 mm voids. It is impermeable to water while allowing water vapor permeability, making it versatile in moisture management. Resistant to frost and de-icing salts, it excels in harsh weather conditions. With excellent working properties for application by trowel or spray, it's a practical choice. Moreover, this material reduces CO<sub>2</sub> penetration and exhibits high resistance to carbonation, emphasizing its sustainability.

### ASOCRET®-BIS-5/40

ASOCRET®-BIS-5/40 is a repair mortar for voids from 5-40 mm depth. It's impermeable to water yet allows water vapor permeability, making it suitable for various conditions. This material resists frost, de-icing salts, and CO<sub>2</sub> penetration, displaying sustainability. It can be applied using trowel or spray methods, offering flexibility. Importantly, it should be used in combination with ASOCRET®-KS/HB as a system component for optimal results, emphasizing its specific application requirement.



# Concrete Restoration



## Mortars & Restoration Plasters

### **ASOCRET-IM**

ASOCRET-IM is a concrete repair mortar with crystalline waterproofing action. It provides robust water impermeability, making it suitable even under hydrostatic water pressure. This material is also vapor-permeable, ensuring breathability. Its user-friendly application and the ability to support self-healing of concrete make it a practical choice. Notably, it can be applied on damp substrates, adding to its versatility.



### **ASOCRET-M30**

ASOCRET-M30 is a versatile repair and levelling mortar for up to 30 mm thickness, suitable for both interior and exterior use. It compensates for shrinkage, sets rapidly, and is water-repellent and sulfate-resistant, ensuring durability. It accommodates various thicknesses from 3 to 30 mm and offers smooth application with high slump resistance. Notably, it can be quickly overcoated for efficient project timelines.

### **ASOCRET-RN**

ASOCRET-RN is a mortar for repairs and producing covered fillets. Its low shrinkage property minimizes cracks and enhances durability, suitable for both interior and exterior use. The polymer modification further improves its performance and bond strength. This versatile mortar can be applied in thicknesses from 3 to 20 mm in a single coat, simplifying construction tasks.



# Concrete Restoration



## Mortars & Restoration Plasters

### **FIX 10-S**

FIX 10-S is a chloride-free, highly reactive rapid-setting cement designed for interior and exterior use. Upon adding water, it promptly initiates the setting process, making it a reliable choice for various construction projects.



### **INDUCRET SC-10**

INDUCRET-SC10 is a ready-to-use single component, fast-setting, high-performance, high-strength, cement-based, fibre-reinforced, non-shrink, dry process shotcrete mortar. INDUCRET- SC10 is formulated to provide a durable structural shotcrete repair mortar with high early strength, reduced rebound with a high build thickness without sagging. INDUCRET-SC10 contains selected hydraulic binders, silica fume, accelerating admixtures, alkali-resistant polypropylene fibre, shrinkage compensating additive and well-graded quartz sands.

# Grouts



## Cementitious

### INDUGROUT-A100

INDUGROUT-A100 is a ready-to-use high performance, non-oxidized, fiber-reinforced, dual expansion, cementitious grout which only requires the addition of water to produce a non-shrink, flowable grouting mortar. INDUGROUT- A100 contains hydraulic binders, special aggregates, fibers, modifiers and shrinkage-compensating materials. INDUGROUT- A100 is designed for application by pouring or pumping at thicknesses between 10 mm and 100 mm.



### INDUGROUT-GP

INDUGROUT-GP is a ready-to-use general purpose, high strength, non-shrink, cementitious grout which only requires the addition of water to produce a non-shrink flowable mortar. INDUGROUT-GP contains a blend of selected Portland cements, special aggregates, modifiers and shrinkage compensating materials that work during both the plastic & post hardened states. INDUGROUT-GP is designed for application by pouring or pumping in thicknesses between 10 mm & 80 mm INDUGROUT-GP does not release any gases during its plastic or hardened sates.

### INDUGROUT-MC

INDUGROUT-MC is a ready-to-use high performance, high strength, non-oxidized, non-shrink, cementitious grout which only requires the addition of water to produce a non-shrink flowable grouting mortar for large gap filling. INDUGROUT-MC contains selected Portland cements, selected hard aggregates, modifiers and shrinkage compensating materials that work during both the plastic & post hardened states. INDUGROUT-MC is designed for application by pouring or pumping in thicknesses between 12 mm & 300 mm.



# Grouts

## Cementitious



### **INDUGROUT-PH**

INDUGROUT-PH is ready-to-use high performance, high strength, non-oxidized, non-shrink, cementitious grout which only requires the addition of water to produce a non-shrink flowable mortar. INDUGROUT-PH contains a blend of selected Portland cements, special aggregates, modifiers and shrinkage compensating materials that work during both the plastic & post hardened states. INDUGROUT-PH is designed for application by pouring or pumping in thickness between 10 mm & 80 mm. INDUGROUT-PH does not release any gases during its plastic or hardened states.

# Grouts

## Epoxy Based



### **ASODUR® EV-200**

ASODUR®-EV200 is a high-performance, 3-component epoxy resin grout used for heavy-duty anchoring, grouting, and load distribution. It is self-compacting, low-shrinkage and watertight with high strength and excellent adhesion to concrete, steel and wood. It is ideal for demanding structural and industrial applications in both interior and exterior environments.



### **ASODUR®-EPG**

ASODUR®-EPG is a water-based epoxy grout, two-component system with outstanding hardness and high bond strength once cured. It resists acids, alkaline solutions and various corrosive substances. This material is easy to clean when fresh and is also protected against bacterial and fungal growth. It's smooth texture makes it easy to work with and it has very low emissions underscoring its environmental friendliness.

# Epoxy Products



## Epoxy Bonding Agent/Filler

### INDUBOUND-VK4034

INDUBOUND VK-4034 is a 2-component, solvent free (100% solid), moisture-tolerant, non-sag, impervious abrasion chemical & water-resistant epoxy resin based bonding agent. INDUBOUND VK-4034 is supplied as a two-component product, which after mixing produces a smooth & non-sag, paste-like consistency easy to apply on horizontal, vertical and overhead surfaces. Once cured INDUBOUND VK-4034 provides an easy to clean surface.



### INDUBOUND-VK 4034 ACI

INDUBOUND VK-4034 ACI is a 2-component, solvent free (100% solid), moisture-tolerant, non-sag, impervious abrasion chemical & water-resistant epoxy resin based bonding agent with active corrosion inhibitors. INDUBOUND VK-4034 ACI is supplied as a two-component product, which after mixing produces a smooth & non-sag, paste-like consistency easy to apply on horizontal, vertical and overhead surfaces. Once cured INDUBOUND VK-4034 ACI provides an easy to clean surface.

### INDUFLOOR-EPF

INDUFLOOR-EPF is a 2-component, universal epoxy adhesive, filler and grout. It offers impressive tensile adhesion strength, robust compressive and flexural strength, and resistance to corrosive substances. Notably, it adheres well to damp surfaces, hardens without shrinkage, and remains deformable at low temperatures, all while being solvent-free.



# Epoxy Products



## Epoxy Coating

### **ASODUR-3333PW**

ASODUR-3333PW is 2-component, solvent-free (100% solids), non-toxic, epoxy resin-based, high-build, high performance, chemical-resistant protective coating suitable for contact with drinking water and foodstuffs. After application and curing ASODUR-3333PW provides a durable protective, sealing & decorative, easy to-clean film with excellent abrasion & chemical resistant properties. ASODUR-3333PW is based on selected epoxy resins & special hardener that resist amine blush. ASODUR-3333PW is available in standard white & blue colors. Any RAL shade upon request.



### **ASODUR® V360W**

ADODUR®-V360W is a high-performance, water-based epoxy concrete sealer designed for durable protection and a smooth satin finish. Solvent-free and low-odour, it offers excellent adhesion and resistance to chemicals, fuels, and oils. Ideal for sealing concrete floors, cement-based and calcium sulphate screeds, magnesia screeds, and mastic asphalt, ADODUR-V360W is perfect for garages, workshops, parking areas, and storage spaces. It can be used as a primer, leveling coat, or slip-resistant finish, delivering reliable performance with a clean, professional appearance.

# Epoxy Products



## Epoxy Coating



### **INDUFLOOR®-IB 1280**

INDUFLOOR®-IB 1280 is a non-toxic, 2-component, solvent-free (100 % solids), moisture-tolerant, low VOC, odorless, low viscosity penetrating epoxy resin-based primer and sealer. INDUFLOOR®-IB 1280 is formulated to prime & seal concrete and masonry substrates for high performance applications. Additionally, INDUFLOOR®-IB 1280 is part of the multi-flooring system, INDUFLOOR®-IB 3359 where high adhesion to porous concrete surfaces is fundamental.



### **INDUFLOOR®-IB 1285**

INDUFLOOR®-IB 1285 is a low viscosity, non-toxic, 2-component, solvent-free (100% solids), odourless, low VOC, moisture-tolerant, pigmented epoxy resin-based primer and sealer. INDUFLOOR®-IB 1285 is suitable for use in potable water structures. INDUFLOOR®-IB 1285 is formulated to prime & seal concrete and masonry substrates where high performance is required. Additionally, INDUFLOOR®-IB 1285 is part of the multi-flooring system, INDUFLOOR®-IB 3359 where high adhesion to porous concrete surfaces is fundamental.

# Epoxy Products



## Epoxy Flooring

### **INDUFLOOR®-IB-SL1000**

INDUFLOOR®-IB-SL1000 is a 3-component, solvent-free (100 % solids), self-smoothing & leveling, epoxy resin based high-build, high performance, chemical & abrasion resistant seamless protective floor coating with dry film thicknesses between 500 µ and 1.50 mm. After curing the applied material provides a durable, easy-to-clean, protective, sealing & decorative topping with excellent abrasion & impact resistant properties. INDUFLOOR®-IB-SL1000 is based on selected epoxy resins & special hardeners and hard-wearing fillers. INDUFLOOR®-IB-SL1000 is available in a selection of RAL shades.



### **INDUFLOOR®-IB 3359**

INDUFLOOR®-IB 3359 is a 2-component, solvent-free, pigmented, epoxy resin-based chemical and abrasion-resistant floor protective coating with a slip-resistant finish. INDUFLOOR®-IB 3359 has a suitable viscosity which enables achieving a textured or anti-skid finish using appropriate fillers.

# Epoxy Products



## Epoxy Flooring



### **INDUFLOOR®-IB-SL3000**

INDUFLOOR®-IB-SL3000 is a 3-component, solvent-free (100 % solids), self-smoothing & leveling, epoxy resin based high-build, high performance, chemical & abrasion resistant seamless protective floor coating with dry film thicknesses between 1.0 mm and 3.0 mm. After curing the applied material provides a durable, easy-to-clean, protective, sealing & decorative topping with excellent abrasion & impact resistant properties. INDUFLOOR®-IB-SL3000 is based on selected epoxy resins & special hardeners and hard-wearing fillers. INDUFLOOR®-IB-SL3000 is available in a selection of RAL shades.

# Epoxy Products



## Epoxy Floor Screed



### **INDUFLOOR®-IB-EPT**

INDUFLOOR®-IB-EPT is a 3-component, solvent-free, epoxy resin-based, high-performance floor screed trowel applied. INDUFLOOR®-IB-EPT is formulated to provide a continuous resilient, non-skid, abrasion, impact and chemical resistant floor with excellent physical & mechanical properties where thicknesses of 4 mm to 10 mm are required. INDUFLOOR®-IB-EPT is based on selected epoxy resins & special hardeners and selected hard & well-graded aggregates. INDUFLOOR®-IB-EPT is available in a selection of RAL shades.

# Epoxy Products



## Epoxy Tank Lining



### **ASODUR CTR**

ASODUR-CTR is a 2-component, epoxy resin-based, solvent-free, moisture-tolerant, non-carcinogenic, environmentally friendly alternative to traditional hazardous coal tar-epoxy coating. Once cured, ASODUR-CTR will provide a chemical resistant, flexible, glossy & smooth film able to protect concrete and steel substrates against aggressive media without supporting the growth of bacteria & fungi. ASODUR-CTR is available in any RAL shade upon request.

# Floor Leveler and Hardener



## Cementitious

### **INDUFLOOR®-IB 3100**

INDUFLOOR®-IB 3100 is a blend of cement-based hardeners for improving concrete surfaces of industrial floors

- Increases life expectancy.
- High abrasion resistance.
- High impact resistance.
- Improved resistance to oil and grease.
- Increased impermeability to water.
- Simple and efficient application.
- Can be coloured if desired.



### **ASOCRET-HFF**

ASOCRET-HFF is a high-performance, cementitious industrial floor leveling compound designed for areas subjected to heavy mechanical stress. It is shrinkage-compensated, rapidly hardening, and delivers smooth, wear-resistant surfaces suitable for both interior and exterior use. Ideal for commercial floors, loading ramps, garages, and basement surfaces, ASOCRET-HFF can be applied in 3-35 mm layers and offers excellent abrasion resistance, vapor permeability, and stability against chlorides, CO<sub>2</sub>, and sulfates.

# Joint Protection



## Water Stopper

### **AQUAFIN®-CJ6**

AQUAFIN®-CJ6 is a construction material known for its user-friendly application, rapid expansion, and self-injecting crack filling function. It remains dimensionally stable in high temperatures and offers a versatile, often reversible swelling process. This product is suitable for use in both freshwater and seawater applications, making it a reliable choice for various construction needs.



### **AQUAFIN®-CJ7**

AQUAFIN®-CJ7 is a joint sheet known for its easy application and strong adhesion to concrete. It features an additional sealing function through a crystalline coating and is suitable for use in both freshwater and saltwater environments.

# Joint Tapes



## Movement Joints

### **ASO®-TAPE**

ASO®-Tape is a thermoplastic joint tape for waterproofing joints. It features a straightforward, homogeneous weld that doesn't require activation, simplifying the installation process. This tape boasts impressive impermeability to water, even under negative pressure conditions. What sets it apart is its ability to adhere to mildly damp substrates without the need for priming, making it a practical choice. Furthermore, ASO®-Tape exhibits resilience in the face of frost, UV exposure, and aging, promising durability and longevity in diverse applications.



### **ASO® - JOINT-TAPE-2000**

ASO® Joint-Tape-2000, a composite material, is highly elastic, tear-resistant, and impermeable to water. Its slim profile maintains breathability while being UV-stabilized for durability. With low emissions, it's eco-friendly and resistant to aggressive substances. This tape also speeds up the drying of adhesives and water-containing membranes.

# Polyurethane Injection



## Waterproofing of Water-Bearing Cracks

### AQUAFIN®-P1

AQUAFIN®-P1 is a highly reactive, one-component modified isocyanates. AQUAFIN®-P1 is ready to use without mixing. AQUAFIN®-P1 foams with water contact by high increase in volume and becoming a firm viscoelastic foam, which seals temporarily against further water penetrations. AQUAFIN®-P1 is resistant to acids and alkalis and attacks neither bitumen nor joint tapes. In the case of very dry surfaces, the material does not foam immediately but it hardens slowly due to the steady addition of existing air resp. soil moisture.



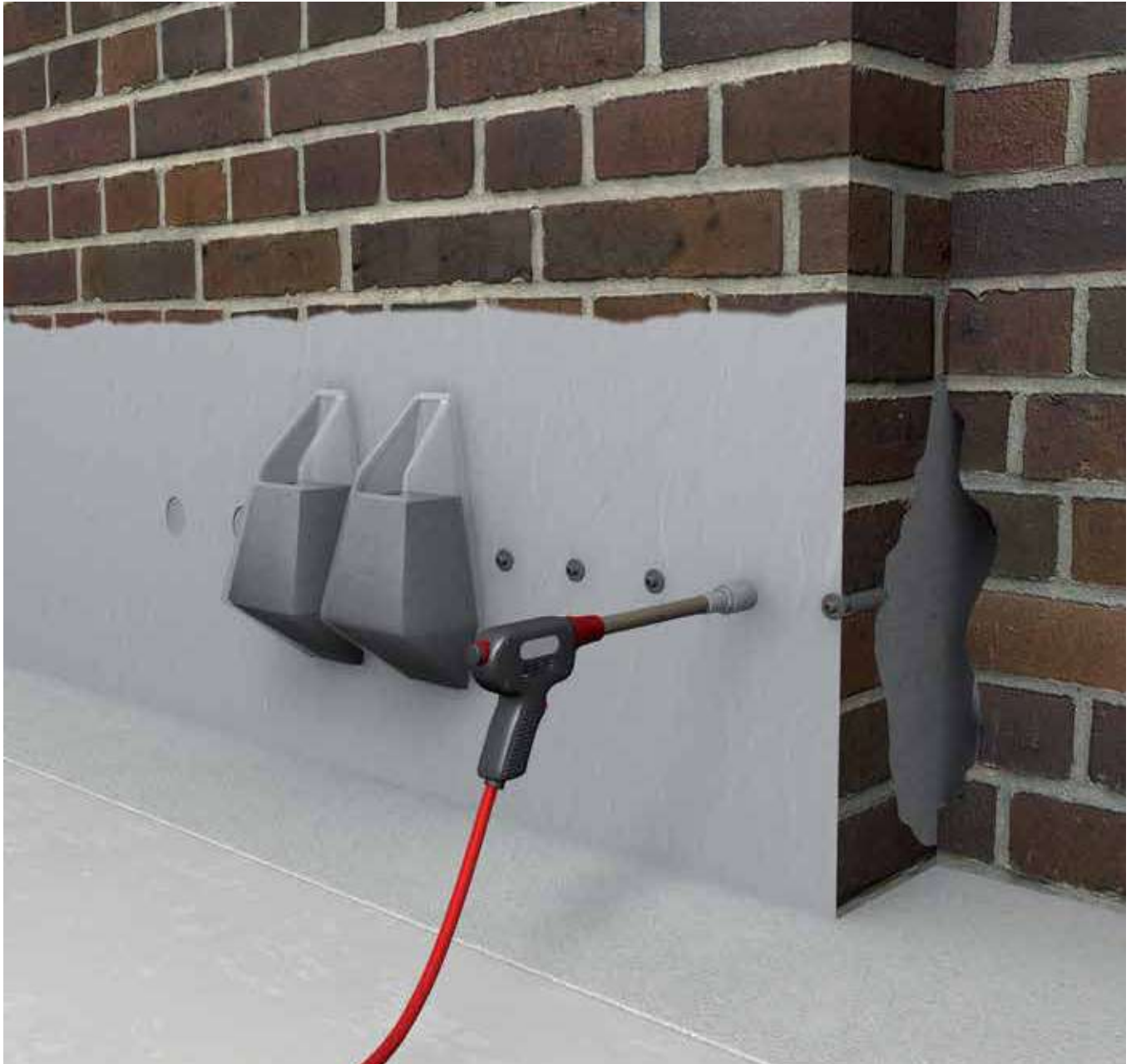
### AQUAFIN®-P4

AQUAFIN®-P4 is a solvent-free thin liquid, two-component polyurethane resin. AQUAFIN®-P4 is slow-reacting and hardens to a non-foaming, non-rigid, pore-free material which slightly foams when put into contact with water. AQUAFIN®-P4 bonds to a dry, moisture surface and offers excellent adhesion and tear resistance. AQUAFIN®-P4 has a low glass transition temperature and resists winter temperatures without causing embrittlement and widening of cracks due to low temperatures without tearing.

# Injection



## Solution for Horizontal Barriers



### **AQUAFIN®-F**

AQUAFIN®-F is a versatile, moisture-fighting solution for masonry work. It's ready to use, certified for up to 95% moisture penetration, hydrophobic, and eco-friendly as it's solvent-free. This product acts as a horizontal barrier against rising damp, inhibits capillary water transport, and offers vapor permeability. AQUAFIN®-F is easy and safe to use, whether applied without pressure or with low-pressure techniques, making it a reliable choice for moisture control in construction

# Primers & Sealers



## Acrylic Primers & Floor Sealers



### **REMICURE-S (Curing Compound)**

REMICURE-S, a unique blend of acrylic resins and enhancement ingredients in carefully chosen solvents, serves as a non-degradeable concrete curing agent. It also functions as a surface hardener, dust-proof and sealer for newly poured concrete. Formulated to prevent water evaporation and ensure proper cement hydration, it enhances the physical and mechanical properties of cured concrete. This versatile product comes in clear and white pigmented grades. The pigmented version dries to form a solar-reflective white film and acts as a primer and sealer, improving adhesion for subsequent applications without the need for removal, unlike traditional curing agents.

# Primers & Sealers



## Acrylic Primers & Floor Sealers



### **INDUFLOOR®-ST1100**

INDUFLOOR®-ST1100, a two-component, low-solvent, moisture-tolerant epoxy primer, boasts remarkable properties. It is impermeable to water vapor, displaces surface capillary water effectively, and forms a strong bond with damp concrete, preventing radon penetration. This versatile primer is an excellent choice for various applications.

# Primers & Sealers



## High Performance Specialty Primers & Sealers

### **ASODUR®-SG2**

ASODUR®-SG2 is a low solvent moisture resistant two component epoxy resin. Due to its high density ASODUR®-SG2 displaces the water from the capillaries of concrete floors and acts like a protection against capillar rising oil and other chemical substances. ASODUR®-SG2 is resistant to chemicals rising from the soil with an excellent bonding on wet concrete surfaces.



### **ASODUR®-SG3**

ASODUR®-SG3, a two-component epoxy resin, offers a solvent-free and low-viscosity solution with impressive moisture-blocking capabilities. Its low water vapor emission, water and frost resistance, and resistance to alkalis, acids, salt solutions, and lubricants make it a versatile choice for applications demanding durability in varied environmental conditions. ASODUR®-SG3 epitomizes advanced materials engineering, ensuring reliability across industrial and commercial settings.

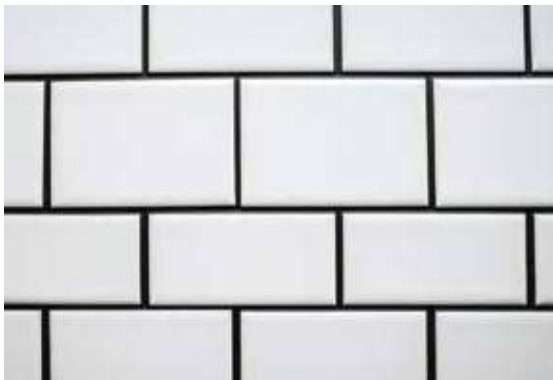
# Tile Adhesive



## Cementitious

### AK7P

AK7P is a plastic modified thin bed adhesive according to Standard EN 12004, for interior and exterior application. AK7P is simple to use, with a high initial bond and excellent stability.



### MONOFLEX

MONOFLEX is a high grade, polymer-modified, thin bed adhesive, tested and supervised according to EN 1004, for interior and exterior applications. MONOFLEX is easily workable with a high initial bond and has very good stability. Due to its flexible form, application is also suitable on weak deformable surfaces.

### MULTIFIX-2C

MULTIFIX-2C is a highly flexible product suitable for both interior and exterior applications, including critical substrates and heavy-duty use, conforming to DIN EN 12004, C1 TE S2 standards. It's also compatible with "green" substrates and offers vapor permeability, water impermeability, and resistance to water and frost. Notably, it exhibits high deformability, exceeding 30 mm according to DIN EN 12002 standards, making it a dependable choice for versatile construction projects.



# Tile Adhesive



## Cementitious

### SOLOFLEX

SOLOFLEX is a high-quality polymer modified thin bed adhesive, according to EN 12004, resistant to water and freeze thaw changes. SOLOFLEX is stable and easily workable, SOLOFLEX is suitable for interior and exterior use.

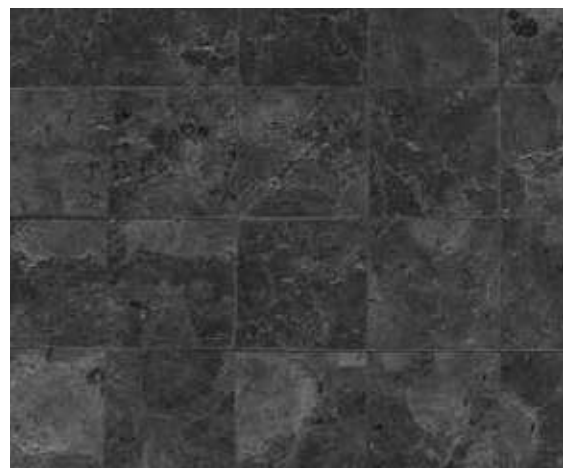


### TIFIX

TIFIX is an economic polymer modified powder adhesive prepared with high quality raw materials for superior bonding. TIFIX is resistant to water and freeze-thaw-changes.

### UNIFIX

UNIFIX is a quality product that adheres to DIN EN 12004, CIT standards, ensuring reliability in your projects. Designed for both interior and exterior applications, it is polymer modified for enhanced performance. UNIFIX serves as the powder component of UNIFIX-2K and UNIFIX-2K/6, making it a valuable part of these systems. It offers good slip resistance, adding to its suitability for a range of tiling and flooring projects, ensuring secure and durable installations.



# Tile Grout



## Cementitious

### **ASO®-FELXFUGE**

ASO®-FELXFUGE is a versatile construction product, that is easy to use with good application and wash-off properties. Its rapid hardening, water repellency, and resistance to freeze/thaw cycles ensure durability. It is suitable for floor and wall heating systems and comes in colors that match the ESCOSIL silicone system for aesthetic compatibility.



### **ASO®-FUGENBUNT**

ASO®-Fugenbunt is ideal for interior applications, featuring early wash-off capabilities, a smooth consistency, and vapor permeability. It cures without developing cracks, ensuring long-term durability. This product is also resistant to freeze/thaw cycles, making it suitable for heated floors and walls. It is free from the silicosis hazard associated with fine quartz dust and comes in colors that match the ESCOSIL-2000 range, ensuring aesthetic compatibility. ASO®-Fugenbunt fulfills the requirements for CG2 to DIN EN 1388 and accommodates joint widths from 1.5 to 6 mm.

### **HF05-BRILLIANTFUGE**

HF05-Brilliantfuge is a high-strength cement-based grout that meets EN 13888, CG2 standards. It offers increased abrasion resistance, making it ideal for high-traffic areas, and is water repellent, mold-resistant, and can endure freeze/thaw cycles. This versatile grout is suitable for interior, exterior, and underwater use. Its polymer modification enhances performance, accommodating joints from 3 to 20 mm in width. With vapor permeability, easy application, and wash-off properties, it simplifies construction. HF05-Brilliantfuge also works well with floor and wall heating systems and is available in colorways that match the ESCOSIL-2000 silicone system for aesthetic compatibility.



# Waterproofing

Acrylic Based



## **SANIFLEX-UNIVERSAL**

SANIFLEX-UNIVERSAL is a multi-purpose coating designed for waterproofing, decoration, and protection. It shields exposed concrete from acid gases, chloride ions, and more, and can be used for decorative and waterproofing applications. It's ideal for swimming pools, roofs, and internal/external waterproofing. It also seals tie bar holes for water-tightness.

# Waterproofing



## Bituminous

### **COMBIDIC®-1K**

COMBIDIC®-1K is a ready-to-use, one-component bituminous thick-layer waterproofing coating that creates a seamless, flexible and crack-bridging membrane for effective moisture protection. It is solvent-free and ideal for waterproofing structures in direct ground contact against ground moisture and non-pressurised water, splash water at wall bases, retroactive waterproofing, and as an adhesive for protection and drainage boards.



### **COMBIDIC®-2K PREMIUM**

COMBIDIC®-2K PREMIUM is a reactive two-component bituminous thick-layer waterproofing coating (PMBC) designed for durable, flexible building protection. It forms a seam-free, crack-bridging waterproof membrane that is radon-tight. Ideal for waterproofing below-grade structures against ground moisture, non-pressurised and pressurised water, splash water at wall bases, and for retroactive building waterproofing. It also doubles as an adhesive for insulation, protection and drainage board installation.

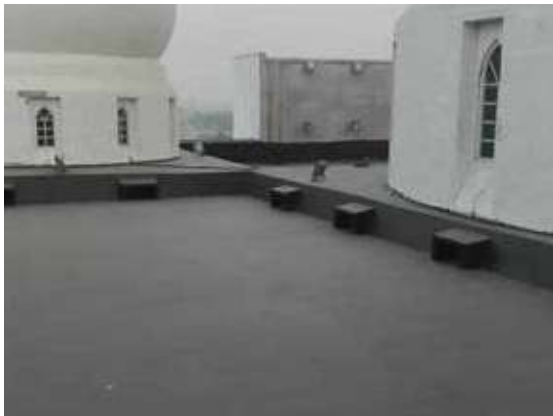
# Waterproofing



## Cementitious

### **AQUAFIN®- TC05**

AQUAFIN®-TC05 is a 2-comp., polymer-modified, crystalline, cement-based protective waterproofing material for concrete, masonry, render or screeds against penetrating moisture. AQUAFIN®-TC05 is used as a waterproof coating on wall and floor surfaces, water containers, foundations etc. against positive and negative water pressure. It is for the treatment of substrates with no risk of cracking and without excessive movement.



### **AQUAFIN®- TC07**

AQUAFIN®-TC07 is a 2-comp., polymer-modified, semi flexible, cement-based protective waterproofing material for concrete masonry, render or screeds against penetrating moisture. AQUAFIN®-TC07 is used as a waterproof coating on wall and floor surfaces, water containers, foundations, etc. against positive and negative water pressure. It is for the treatment of substrates with no risk of cracking and without excessive movement.

### **AQUAFIN®-2K/M**

AQUAFIN®-2K/M is a flexible elastomeric, 2-comp. polymer modified coating that waterproofs and protects concrete, masonry, brick and some natural stone substrates with crack-bridging properties. AQUAFIN®-2K/M has excellent adhesion characteristics and provides a seamless system which can be left as the finished surface, or can be top-coated with tiles, pavers, paint or other coatings.



# Waterproofing



## Cementitious

### **AQUAFIN®-1K**

AQUAFIN®-1K is a versatile waterproof slurry suitable for interior and exterior use on walls and floors. It offers excellent water impermeability and is resistant to sulfates, ensuring long-lasting performance. This product is easy to apply, whether brushed, troweled, or sprayed, and adheres well to various building substrates without priming. It is also vapor-permeable and resistant to frost and aging. AQUAFIN®-1K is a reliable choice for construction needs and is specifically designed to handle negative hydrostatic pressure and aqueous solutions aggressive to concrete according to DIN 4030 standards.



### **AQUAFIN®-2C**

AQUAFIN®-2C is a flexible, 2-component, polymer-modified, cement based, waterproofing protective coating. It has excellent adhesion, abrasion resistance, weatherproofing and waterproofing properties providing seamless protective coats.

# Waterproofing

## Crystalline Coating



### **AQUAFIN®-IC**

AQUAFIN®-IC is a versatile concrete protector that penetrates and remains active. It can be applied to damp substrates and is chloride-free, ensuring long-term durability. With resistance to high hydrostatic pressure and the ability to waterproof cracks up to 0.4mm, it enhances concrete integrity. Test certificates according to German DVGW worksheets W347 and 270 confirm its quality and reliability.



### **INTEGRACOAT**

INTEGRACOAT uses cutting-edge components that waterproof and protect both new and existing structurally sound concrete. It withstands robust hydrostatic pressure and maintains the concrete's ability to breathe. Powered by Aquafin's advanced crystalline technology, it chemically reacts with moisture and free lime, reducing water absorption in the cement matrix. This results from the formation of nano-scale crystals through active catalysts in the capillary system, creating a long-lasting waterproof effect that blocks water passage. This reaction persists whenever water is present, ensuring a permanent and integral waterproofing solution. The INTEGRACOAT nanocrystals also grow within static hairline cracks, sealing them and preventing further water ingress.

# Waterproofing

## PVC Membrane



### **AQUAFIN®-WM12**

AQUAFIN®-WM12 is a premium waterproofing membrane meeting DIN SPEC 20000-202 and DIN 18533 standards. It's CE certified to DIN EN 13967, with exceptional radon-tight properties. This versatile membrane offers a smooth consistency, is suitable for welding and bonding, and provides high adhesive bonding with fresh concrete. It prevents water ingress, making it ideal for direct ground waterproofing and pressure waterproofing of concrete constructions. Additionally, it acts as a radon barrier and safeguards against chemical exposure.

# Water Repellents



## Coating

### **AQUAREP**

AQUAREP is a highly effective waterproofing agent developed to provide water repellancy for porous construction materials such as aerated concrete block, cement, mortar, concrete, ceramic, tile, building insulation material and light weighted composite construction materials etc. The active ingredients which are nano-sized penetrate deeply into the substrate and bond with them to form an anti-penetration layer on the surface, With the super low surface tension, it boosts excellent water repellancy and fast beading action.



### **ACRYSIL BARRIER**

Acrysil Barrier is a hybrid between acrylic and siloxane sealers offering both penetrative and surface protection. It is water-based with an acrylic polymer and siloxane mix and is not affected by the substrate's pH making it ideal for treating non-cementitious substrates such as marble, granite and natural stone. The product is UV-resistant and non-yellowing. It forms a visible thin film which protects the concrete against damage and deterioration caused by surface abrasion, water absorption, and exposure to elements. It also protects against chemical stain damage.

# Water Repellents



## Coating



### **STONECRETE SEALER**

Stonecrete Sealer is an acrylic-based high-performance stone sealer designed to protect stone and concrete surfaces. This means it has long-lasting protection against weather, stains, and UV damage making it good for external use.



## **Product diversity with a system.**

### Problem Solved.

You have your project - we have the solutions. Aquafin Pakistan offers the right solution for every application or scenario. Every product is part of a sophisticated system from waterproofing to additives, our website features an assortment of products that fulfill any projects requirements.

**[aquafinpakistan.com](http://aquafinpakistan.com)**

**Aquafin Pakistan** manufacturers and develop product systems for the construction markets. The company works actively in the following areas:

- Waterproofing and Restoration
- Tiles/ Natural Stone/ Screed Installation
- Protective Flooring/ Coating Systems
- Concrete Technology



**Aquafin Pakistan** is recognised for its development competency and is distinguished nationally with nearly 20 years in the market.




Industry professionals value the level of care provided by **Aquafin Pakistan**, along with our large range of high quality industry products.

In order to stay at the forefront of a continuously advancing market we are always investing in research and development of trend setting products.

## **Aquafin Pakistan (Pvt.) Ltd.**

 Head Office - Karachi  
Steel House, West Wharf Road, Karachi 74000

 Islamabad  
 +92 337 9619082

 [www.aquafinpakistan.com](http://www.aquafinpakistan.com)  
 +92 300 8116479  
 [salesengineer@aquafinpakistan.com](mailto:salesengineer@aquafinpakistan.com)

 **AQUAFIN**  
WE HELP YOU BUILD