



PURE-CHEM

BUILDING SECTOR

Product range for the **CONSTRUCTION SECTOR**

PURE-CHEM has developed a range of products dedicated to the construction sector thanks to the experience gained over more than 30 years.

The range of protective products offered is divided into the following product classes:

- WATER REPELLENTS
- WATER AND OIL REPELLENTS
- CONSOLIDATING
- CHEMICAL BARRIER
- POWDER ADDITIVES FOR PREMIXES
- PAINT ADDITIVES
- WOOD PROTECTIVES
- ANTI-GRAFFITI

These products offer an effective solution for the protection and renovation of building materials, improving their performance and value, ensuring their longer life.

Our Research and Development Laboratory is constantly engaged in the research for innovative and high-performance formulations capable of meeting market needs while safeguarding the environment.

The experience we've gained over the years allows us to offer high-quality products that meet our customers' needs.

WATER REPELLENTS

Our water-repellent products allow you to obtain the following benefits:

- ✓ Reduction of water absorption (>80%)
- ✓ Water vapor permeability
- ✓ High penetration depth
- ✓ Alkali resistance
- ✓ Reduction of maintenance costs
- ✓ Durability of the treated support
- ✓ Lower heating costs

These products, once applied to building surfaces, create a water-repellent barrier that does not alter their permeability to water vapor or the surface color.

Product Range and Features

	HYDROPROOF				
	H 250	H 250 B	H 245 B	H 242	H 629
CHEMICAL NATURE	SILANE	SILANE - SILOXANE	SILANE	SILICON RESIN	SILANE - SILOXANE
ACTIVE MATTER %	Approx. 50	Approx. 50	Approx. 45	Approx. 55	100
CARRIER	WATER	WATER	WATER	WATER	-
DILUTION	3-10%	3-10%	5-10%	3-10%	3-10%
PROPERTIES					
WATER REPELLENCE	...	...	...	...	...
ANTI-EFFLORESCENCE	....	..	...	..	...
PEARLING EFFECT	.	....	...	....	....

WATER AND OIL REPELLENTS

Our water-repellent products allow you to obtain the following benefits:

- ✓ Anti-stain properties
- ✓ Reduction of water absorption
- ✓ Reduction of oil and fat absorption
- ✓ Easy to clean

Water-based and solvent-based products are offered

Product Range and Features

	HYDROPROOF			
	H 202 F	H 220 F	H 620 F	H 625 F
CHEMICAL NATURE	REACTIVE ORGANIC POLYMER			
ACTIVE MATTER %	Approx. 20	Approx. 25	Approx. 25	Approx. 25
CARRIER	WATER	WATER	SOLVENT	SOLVENT
DILUTION	5-10%	3-10%	3-10%	3-10%
PROPERTIES				
WATER REPELLENCE	...	...	....	....
ANTI-EFFLORESCENCE	.	.	.	.
PEARLING EFFECT	....	....	.....	.....

CONSOLIDATING

Our water-repellent products allow you to obtain the following benefits:

- ✓ Excellent consolidation properties
- ✓ Water repellency
- ✓ Anti-efflorescence

Water-based and solvent-based products are offered

Product Range and Features

	HYDROPROOF	
	CHP	ES 40
CHEMICAL NATURE	SILICATE	SILICATE
ACTIVE MATTER %	Approx. 35	Approx. 40
CARRIER	WATER	SOLVENT
DILUTION	Up to 20%	Up to 20%
PROPERTIES		
WATER REPELLENCE	....	..
ANTI-EFFLORESCENCE	...	....
PEARLING EFFECT	....	....

CHEMICAL BARRIER

Our products, developed to create chemical barriers against rising damp, allow you to obtain the following benefits:

- ✓ Pressure-free application
- ✓ Easy to apply
- ✓ Reduction of application times
- ✓ High migration
- ✓ Alkali resistance

Products based on silanes/ siloxanes are proposed which have a high migration capacity even on very humid substrates.

The products can also be applied by non-expert users

Product Range and Features

	HYDROPROOF		
	CREAM 80	CREAM 25	CB 55
CHEMICAL NATURE	SILANO-SILOXANE		
ACTIVE MATTER %	Approx. 80	Approx. 25	Approx. 55
I WAIT	CREAM	CREAM	LIQUID
PROPERTIES			
WATER REPELLENCE	•••••	•••	•••
ANTI-EFFLORESCENCE	•••••	••••	••••
PEARLING EFFECT	•••••	•••	•••

PAINT ADDITIVES

Our additives for water-based paints allow you to obtain the following benefits:

- ✓ Low water absorption
- ✓ Water vapor permeability
- ✓ Solvent-free emulsions
- ✓ Prevents peeling and cracking problems
- ✓ Reduction of mold and algae formation

Products based on silanes and siloxanes in aqueous emulsion are proposed which allow for an excellent reduction of water absorption while maintaining water vapor permeability.

Product Range and Features

	HYDROPROOF		
	PRIMER	ADDITIVE	BINDER
CHEMICAL NATURE	SILANO	SILOXANE	SILOXANE
ACTIVE MATTER %	Approx. 50	Approx. 55	Approx. 55
CARRIER	WATER	WATER	WATER
DOSAGE	3-5% IN WATER	1-5% IN PAINT	1-5% IN PAINT
PROPERTIES			
WATER REPELLENCE	....	..	...
ANTI-EFFLORESCENCE	...	....	...
PEARLING EFFECT	....	....	..

POWDERED ADDITIVES FOR CEMENT PREMIXES

Our powder additives for cement premixes allow you to obtain the following benefits:

- ✓ Low water absorption coefficients
- ✓ Greater resistance to freeze-thaw cycles
- ✓ Excellent pearling effect
- ✓ Reduction of soiling
- ✓ Longer product life
- ✓ Low doses
- ✓ No change in the mechanical properties of the cement mixes.

We offer micronized powder products that are added at low doses to cement premixes, allowing for excellent performance without altering the characteristics of the mix.

Product Range and Features

	HYDROPROOF		
	P30	P80	P200
CHEMICAL NATURE	SILANO-SILOXANE	SILANO	SILANO
SUPPORT	SILICA	SILICA-PVA	SILICA-PVA
DOSAGE	0.2-1%	0.1-1%	0.1-0.3%
PROPERTIES			
WATER REPELLENCE	••	••••	•••••
ANTI-EFFLORESCENCE	••••	•••••	•••••
PEARLING EFFECT	•••	•••••	••••

ANTI-GRAFFITI

Our range of anti-graffiti products consists of an eco-friendly water-based “paint stripper” and two anti-graffiti products (one sacrificial and one permanent). The benefits they allow you to obtain are the following:

- ✓ Transparent coating
- ✓ Non-filming barrier
- ✓ Biodegradable cleaner

Product Range and Features

	HYDROPROOF		
	CLEANPURE GEL	PUREWAX MW15	PURE-COAT® BARRIER
CHEMICAL NATURE	MIX OF ORGANIC SURFACTANTS	MOUNTAIN WAX	POLYSILAZONES
CARRIER	WATER	WATER	SOLVENT
ACTIVE MATTER %	APPROX 90	APPROX 15	APPROX 30
PROPERTIES			
WATER REPELLENCE	-	•••	••••
ANTI-ADHESION	-	•	••••

WOOD PROTECTIVES

Our range of wood protective products allows you to obtain the following benefits:

- ✓ Rapid effectiveness
- ✓ UV resistant
- ✓ Stain-resistant
- ✓ Durability
- ✓ Invisible barrier
- ✓ Easy to apply

These products, once applied to building surfaces, create an invisible water-repellent barrier that does not alter their permeability to water vapor or the surface color.

Product Range and Features

	HYDROPROOF				PUREWAX	
	WP 24	WP 69	WP 22 F	WP 68 F	HE 30	C 30
CHEMICAL NATURE	SILICONE RESIN	SILANO - SILOXANE	FLUORO-POLYMER	FLUORO-POLYMER	POLYETHYLENE WAX	CARNAUBA WAX
ACTIVE MATTER	Approx. 50	Approx. 95	Approx. 25	Approx. 25	Approx. 30	Approx. 30
CARRIER	WATER	SOLVENT	WATER	SOLVENT	WATER	WATER
DILUTION	3-10%	3-10%	3-10%	3-10%	-	-
PROPERTIES						
WATER REPELLENCE	•••	•••	••••	••••	•••	•••
ANTI-EFFLORESCENCE	-	-	••	•••	-	-
PEARLING EFFECT	••	••	•	•	••••	••••



PURE-CHEM S.r.l.
Via Provinciale 455
24059 Urgnano (BG)
Mail: info@purechem.it