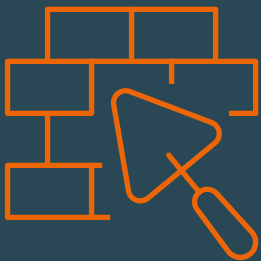




# PENETRATING SEALERS FOR STONE, TILE & CONCRETE



**HEXAFOR®**  
WATER & OIL REPELLENTS

# PENETRATING SEALERS



## PRODUCT OVERVIEW:

HEXAFOR® fluoropolymers can be used to create penetrating sealers for natural stone, porous tile, grout and masonry. They prevent staining without changing the natural appearance of the treated surface. They provide water and oil repellence, stain resistance, and easy clean-up properties. All of our C6 HEXAFOR® fluoropolymers are Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA) free.

HEXAFOR® PRODUCTS	IONIC NATURE	CHEMICAL DESCRIPTION	MEDIUM	VOC CONTENT	ACTIVE SUBSTANCE	pH
6173	Cationic	Water-based fluorinated polymer emulsion	Water	-	32%	3,5-4,5
6211	Cationic	(Meth)acrylic polymer in water	Water + Hexylene glycol	25%	25%	5-6
6232	Anionic	(Meth)acrylic polymer in water	Water	-	25%	8-11
6242	Cationic	(Meth)acrylic polymer in water	Water	-	25%	4-5,5
6280	-	Pure methacrylic polymer in solvent	Butyl acetate	75%	25%	-
6282	-	Pure methacrylic polymer in solvent	DPM + Hydrocarbon solvent	75%	25%	-
6284	-	Pure methacrylic polymer in solvent	Butyl acetate	75%	25%	-
6392	Cationic	(Meth)acrylic polymer silane in water	Water, MMB	45%	20%	5-7
6400	Anionic	Fluorinated phosphate ester	Water	-	15%	7-9
6600	Anionic	Fluorinated polymer	Water	-	15%	8-10
AGR-60	Cationic	Water based anti-graffiti coating	Water	-	18%	3,5-5
SA-6320	Cationic	Aqueous emulsion of fluorinated silicone polymer	Water	-	5%	3-5

## PROPERTIES:

- EXCELLENT WATER AND OIL REPELLENCE
- ANTI-STAIN PROPERTIES
- EASY TO CLEAN PROPERTIES
- DURABLE TREATMENT
- ANTI-GRAFFITI PROPERTIES
- UV RESISTANCE
- IN COMPLIANCE WITH THE LIMITS SET BY REACH IN TERMS OF PFOA STATEMENT



SOLUBILITY	TYPICAL DILUTION	FORMULATION	FEATURES & BENEFITS
Water	5-20%	-	Water fluoropolymer emulsion designed for application on porous surfaces as terracotta, grout and concrete. If properly formulated it could impart excellent water and oil repellence as well as dirt pick up resistance to these substrates. It could be used as an ingredient in a wide variety of industrially-applied formulations.
Water	5-10%	For formulation with low pH (<6)	Excellent water and oil repellent for natural stone, especially for porous stone. If mixed with a cationic/non-ionic high gloss water based acrylic polymer it could impart a wet look effect to the treated stone. Low minimum film forming temperature (MFFT).
Water	5-10%	Formulation with high pH (> 7)	Excellent water and oil repellent for natural stone, especially for porous stone. In some cases, it could provide a weak wet look effect. It can be formulated inside paints, varnishes and waxes to increase water and oil repellence. It can be added in wood protective formulations.
Water	5-10%	For formulation with low pH (<6)	Excellent water and oil repellent for natural stone, especially for porous stone. If applied in more coats, it can give weak wet look effect. The dilution in different amount of water/isopropanol could increase the penetration of the product into the treated stone.
Esters Ketones Mineral spirit	8-10%	-	Excellent water and oil repellent for natural stone, especially for compact stone.
Esters Ketones Mineral spirit	5-10%	-	Excellent water and oil repellent with a high Flash Point (>70°C) and low odour for natural stone, especially for compact stone. It decreases the evaporation rate of the applied formulation, increasing the penetration into the stone.
Esters Ketones Mineral spirit	8-10%	-	Excellent water and oil repellent for natural stone, especially for compact stone.
Water	5-10%	For formulation with low pH (<6)	Excellent water and oil repellent with very good beading effect for natural stone, especially for porous stone like limestone and sandstone. To give a wet look effect to the treated stone, you should mix with a cationic/non-ionic high gloss water based acrylic polymer. The adhesion of the dried coating is increased by the presence of a silane monomers in the polymeric structure.
Water	5-20%	Formulation with high pH (> 7)	Excellent water and oil repellent with very good anti-stain effect for natural stone, especially for compact stone. Low odour. Compatible with anionic systems. Improves the UV resistance of the polymers used for coating applications.
Water	5-20%	Formulation with high pH (> 7)	Excellent water and oil repellent with very good anti-stain effect for natural stone like limestone and sandstone. It is compatible with anionic systems. It improves the UV resistance of the polymers used for coating applications. The treated surfaces are easily cleanable. It does not change the original appearance of the stone.
Water	25%	-	Considered as a sacrificial anti-graffiti, it could protect masonry such as concrete, brickwork and limestone from spray paint and marker pen. Those are easily removed by using common removers or steam. Strongly resistant to UV light, it prevents yellowing and it will not crack or peel off from the treated surface.
Water	Ready to use	-	Permanent anti-graffiti, due to its good penetration properties it can be used as water repellent and anti- stain agent on various porous natural stone. If properly applied permanent marker could be repelled and easily wiped off. It could last for more than 5 graffiti removal cycles.



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