



TECHNICAL DATA SHEET

FACEAL OLEO HD

CLEAR HEAVY DUTY ECO PROTECTIVE FINISH

PRODUCT DESCRIPTION

Faceal Oleo HD is a multi-purpose clear water proofing and protective finish for porous mineral surfaces. It is water based, extremely eco-friendly and protects porous surfaces against soiling by oil, grease and graffiti. It is a permanent protective finish and is not reversible. It does not alter the vapor permeability of surfaces it is applied to and has no impact on the surface appearance or finish.

FIELD OF APPLICATION

Interior or exterior applications on porous facades and is abrasion resistant to use on floors with foot traffic. Especially suited for masonry surfaces with small pores such as cast concrete and natural stone.

- Use on porous mineral paint and stain surfaces—does not alter color
- Protects concrete, stone, brick, tiles, terracotta, plaster, stucco and cast stone surfaces.
- Warm water wash to effectively remove soiling, graffiti, grease, etc.
- Protects art installations, and facades and horizontal surfaces from soiling and graffiti for up to 10 years

PRODUCT PROPERTIES

- Free from solvents
- Non-flammable
- Composed of fluorinated acrylic copolymers and silica sol in a colloidal aqueous solution
- Penetrating and permanent adhesion to the surface by strong ionic and hydrogen bonds that are thermally stable and chemically inert
- Highly vapor permeable does not alter water diffusion properties of the surface

- Extremely low surface tension results in highly water and oil-repellent finish
- Self-cleaning on vertical and inclined surfaces when it rains
- Retains original appearance of surface
- Resists abrasion from foot traffic on floors and horizontal surfaces
- Extremely low VOC

Density	1.0—1.1 g/cm ³
Weight	10.1 lbs/gal
VOC by ASTM D6886	< 1 g/liter
Vapor permeability (DIN 52615 and EN ISO 7783-2)	93—99% permeable
Boiling Point	100°C (non-flammable)
pH value	5.5—6.5
Solubility	Soluble in water

Environmental Compliance

EPA	YES
LEED	YES
CARB	YES
SCAQMD	YES

Colors: Colorless, low sheen

SURFACE PREPARATION

The mineral substrate must be sound, solid, dry, clean and free of dust, grease, oils, salts, moss, algae and other substances that would prevent bonding.

APPLICATION

Air and surface temperature: >41°F and up to maximum 86°F (5°C –30°C) with relative humidity below 80%.

Apply undiluted with an airless sprayer, a low pressure sprayer or by brush and roller for smaller areas. Highly absorbent or porous surfaces may



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require two coats. Do not allow Faceal Oleo HD to puddle or pool on horizontal surfaces. Excessive amounts should be removed before it hardens with a mop or microfiber cloth.

Brush: Use a nylon/polyester brush
Roller: Use a 3/8" to 1/2" nap synthetic roller cover
Airless spray: 3000 psi suggested with a tip size of 0.15—0.17", minimum

Protect surfaces which are not to be coated. Any splashes on surrounding surfaces must be cleaned immediately with soap and water.

Drying times: Drying is temperature and humidity dependent. At least 24 hours between coats at 50% R.H. and 70°F. Surface may be subjected to full service after 7 days. Lower temperatures and high humidity can extend dry times.

Conditions: Apply when temperatures are between 40° and 90°F. Do not apply to sun heated surfaces. Do not apply when there is a threat of rain or frost within 24 hours of application.

Coverage

Substrate	Coverage*
Concrete (smooth)	300—400 SF/Gal
Limestone	40—50 SF/Gal
Brick/Masonry	150—200 SF/Gal
Stucco/Plaster	100—150 SF/Gal
Terra Cotta	250—350 SF/Gal
Precast Stone	200—250 SF/Gal
Marble/Granite	350—450 SF/Gal

*Coverage is dependent on surface porosity and texture, application methods, workmanship and conditions, and will vary.

Cleaning of tools

Clean immediately after use with water before Faceal Oleo HD begins to dry/harden.

Mixing with other products

Do not mix with other products or additives and do not thin with water.

PACKAGING

25 liter plastic jerrican

STORAGE

Up to 24 months in tightly closed container under cool, frost-free conditions. Protect from heat and direct sunlight.

HAZARDOUS SUBSTANCE CLASS

n/a

TRANSPORT HAZARD CLASS

n/a

DISPOSAL

Any residues must be emptied out of containers before recycling. Dispose of or recycle completely emptied containers in accordance with local regulations.

SAFETY INSTRUCTIONS

Never pour contents into drains, waterways or the ground. Avoid contact with eyes and skin. In case of contact with eyes, flush immediately with plenty of water and consult a physician. Wear suitable gloves. Wash hands or affected skin thoroughly after exposure. Do not swallow. If swallowed, seek medical attention immediately.

Keep out of reach of children.

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.