# CONCRETAL® BLACK

## THE BLACKEST MINERAL SILICATE FINISH FOR CONCRETE AND MASONRY

# CONCRETAL BLACK FINISH FOR EVERY CONCRETE AND MASONRY SURFACE

Now, select the blackest of black mineral finishes for your concrete projects. Guaranteed not to fade.

The Imprint at Paradise City, Seoul, South Korea
Architect: MVRDV, Rotterdam / Netherlands
Photo: Tec-Wall-Korea Co. Ltd.

# PERMANENTLY BONDS TO CONCRETE

## KEIM FINISHES PENETRATE AND FORM CHEMICAL BONDS

Keim finishes for concrete are based on sol-silicate technology, invented by Keim. This innovation yields our longest lasting and easiest to apply mineral paints and stains. The nano-binder penetrates even the densest concrete. Delivering far more longevity and permanent color than ordinary acrylic or elastomeric finishes. And sol-silicate finishes balance durability with perfect concrete physics.

Concretal's sol silicate binder fuses and chemically bonds at the surface and within the concrete forming covalent bonds that are among the strongest in nature. Concretal stains and paints will never peel or lose adhesion, and literally "become" part of the concrete itself.

20 Farrington Road
London, United Kingdom
Concretal W Color 9008

# KEIM CONCRETAL SOL SILICATE PIGMENTED STAIN FOR CONCRETE

Concrete House “Silent Rock”
Color: 9008 Black

Planned by bauwerk bauunternehmung gmbh
www.bauwerk-bau.de

Image source: Steffen Fuchs, Heidelberg Cement AG


Black is absolute. Black is beguiling. Black is strong, elegant, and dramatic. Black architecture provokes.

Above: Petzl Warehouse, Crisse, France
Concretal W Color 9008

Below: 24-02 49th Street, Long Island City, NY
Concretal W Color 9008

Residence Acacia, Montreuil (Seine-Saint-Denis), France
Concretal W Custom Color

# CONCRETE PHYSICS ARE UNCHANGED

## KEIM FINISHES ARE EXTREMELY VAPOR PERMEABLE
## CONCRETE BREATHES NATURALLY

Microporous mineral finishes are far more vapor permeable than concrete, meaning the concrete will stay drier. Internal moisture vapor freely escapes through the mineral finish without harm. And as mineral finishes cure, they take-on the physical properties of the surface including expansion coefficient and tensile strength.

Keim Concretal finishes will never blister or peel from trapped moisture. And, Concretal Paints are water repellent, keeping wind driven rain out of the concrete. The natural hydrophobic shedding action and resistance to dirt pickup, means your facades will stay cleaner looking.

Markley Data Center, Lowell, MA
Concretal Black Purity

# CONCRETAL STAINS—A TRANSLUCENT CHOICE

Natural, raw concrete can tell a story, providing insight into the construction methods, while exuding an industrial and organic look and feel. Concrete's variations in color tone can be quite desirable. But often, natural concrete can need a "tweak" to coax out the inner beauty and perhaps minimize some imperfections. The solution is Concretal Stain to colorize, or simply hide imperfections, without changing the physics or the feel of the concrete surface.

Concretal Sol Silicate Pigmented Stain for concrete gives you total control over the opacity of the finish, from solid color to almost clear. By mixing the solid color Concretal Stain with Concretal Dilution (clear), you decide how much or how little you want to hide the surface. Stain can be used to colorize or draw attention to areas of the concrete, it can add true artistic value as seen here, or it can be used to mitigate and camouflage imperfections.

National Holocaust Monument
Ottawa, Canada
Murals, Concretal Stain Color 9008

Nobu Hotel
Warsaw, Poland
Concretal Sol Silicate Pigmented Stain
Color 9008 Black

# MINERAL COLOR DOES NOT FADE

## PURE MINERAL OXIDE PIGMENTS ARE NOT AFFECTED BY U.V.— NO MATTER HOW HARSH

Keim finishes utilize only artist grade mineral oxide pigments which are inert and do not change color over time. Man-made or synthetic tints are never used as these can fade rapidly outdoors. But the big story is that both the pigments and the sol silicate binder are not degraded by sunlight. Every element of these mineral finishes is completly impervious to light.

Concretal Black uses a highly specialized inorganic black pigment that literally absorbs light to make it appear even more black. The microporous mineral surface radiates light, for up to 26% less heat gain in direct sunlight—keeping surfaces cooler than ordinary paints. Less thermal shock can add to concrete's lifespan.


EMC2 Hotel
Chicago, Illinois
Concretal Black Purity

# YOUR CHOICE
# Concretal® Paint or Stain

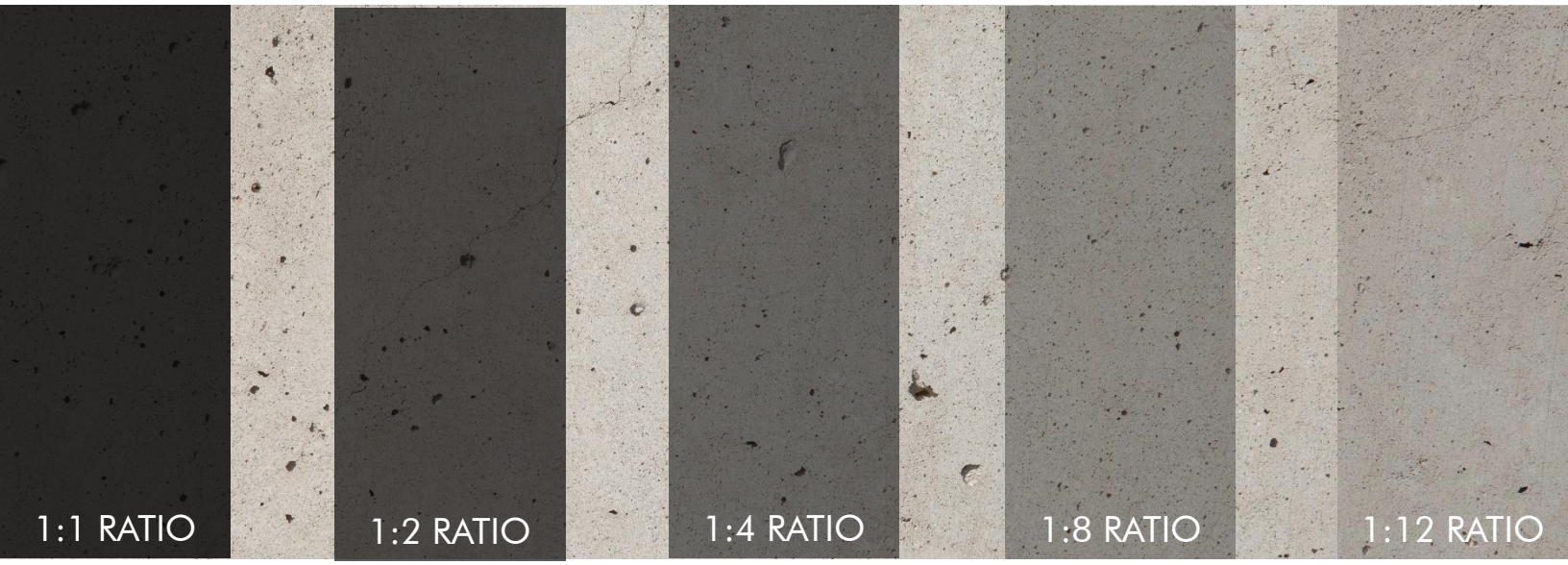
Lee Kong Chian Natural History Museum
Singapore
Concretal® Sol Silicate Pigmented Stain Color 9008

Savannah College of Art and Design
40 Residence Building
Atlanta, Georgia
Concretal® W Custom Color

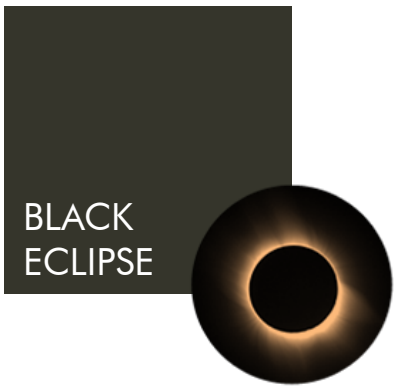
# CONCRETAL BLACK FINISHES

## CONCRETAL STAIN 9008 BLACK

Stain is mixed with Concretal Clear Dilution in mixing ratios below to make stain more translucent.




## CONCRETAL BLACK PURITY





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