

KEIM Soldalit

optimizes the binding power of two elements, silica sol and potassium silicate.

- requires only simple prep for renovation
- complements building physics - keeping envelopes dry
- extremely long service life
- excellent economic viability
- sustainable and green



naturally compatible

With the binding power of sol silicate, Soldalit can be applied to existing organic paints or mixed mineral substrates. As organic paints weather/deteriorate the substrate becomes exposed through cracks and thin paint layers. Soldalit will bond to any remaining sound organic paint and it will penetrate and chemically bond to the exposed mineral substrate.

Soldalit forms a highly vapor permeable coating that is naturally water resistant. The high vapor permeability allows moisture to diffuse out from within the substrate keeping walls dry. At 77 perms, Soldalit will not reduce the vapor permeability of existing substrates or organic coatings.

lightfast color and refraction

KEIM's Inorganic mineral pigments are unaffected by UV light, so colors do not fade. The mineral colors of Soldalit refract light for a stunning appearance bringing life to buildings. KEIM's unique sol silicate chemistry does not attract dirt maintaining a clean surface. Available in over 350 standard colors and custom colors.

weathering protection

As the Soldalit dries it forms permanent chemical bonds to the substrate. This chemical bonding results in a mineral structure that is naturally resistant to water and salts while completely resisting attack from air pollutants and acid rain. Soldalit is suitable for all climate conditions and UV exposures providing protection for decades.

