

# LITHIUM IR REFLECTIVE- CoSi IR



## HEAT BARRIER, IR REFLECTIVE, INSULATING, CONCRETE MASONRY COATING, PAINT.

Inorganic concrete coating forms an incredibly strong permanent chemical bond with concrete substrates using silicate reaction chemistry. Designed to reflect IR radiation and heat to reduce surface temperatures in-effect reducing building cooling costs. Application is like conventional coatings but **CoSi** coatings chemically react with concrete/masonry to form a very durable, insulating, extremely tough, heat reflective, permanent concrete coating.

*Priced by the gallon. Packaged in 5 or 55-gallon containers.*

Rejuvenate, beautify and protect a variety of concrete substrates with USSC's **extremely durable, tough, inorganic coating based on a unique silicate chemistry**. **CoSi** metal coatings are designed to give concrete and masonry substrates a metallic look. Co-Si chemically bond with the lime in concrete to form calcium silicate hydrate structure. **This bonding reaction also occurs during curing of concrete and that gives concrete its mechanical and structural strength**. Designed to have the same reaction between Co-Si inorganic coating and concrete substrate, resulting in an incredibly tough, extremely hard, permanent, durable metallic look concrete coating.

- Specially formulated to reflect IR and heat from concrete, masonry, surfaces.
- **Reduces concrete surface temperature by 20%, this reducing building cooling costs.**
- Water based, non-flammable, Eco friendly, high solids, Low VOC's,
- Extremely Durable, incredibly Tough with good abrasion, scratch and water-resistance.
- This is NOT AN acid etching stain, that can degrade the concrete, masonry substrate.
- CoSi forms a strong calcium silicate permanent chemical bond with concrete.
- DO NOT USE on painted or sealed surfaces. Works on bare concrete surfaces only.
- Unique formulation that becomes integral part of concrete. Guaranteed for 25 years.
- CoSi is designed to cover small cracks and imperfections on concrete masonry surfaces.
- DO NOT apply on painted surfaces. Designed to react with concrete surface.
- Cured coating is breathable, allows vapors to escape preventing peeling.
- Easy to use. Like conventional water-based stains, paints and coatings.
- Available in 10 standard colors, Custom color matching if needed,
- Dries, Cures fast. 1-3 hours, no prolonged down times.
- Can be applied on most clean, sound concrete masonry substrates, including pre-cast.