



DUCTILE

For Ductwork and HVAC Interiors
Engineered and tested for use
in robotic sprayer systems

Make Your Investment Count

You invested in quality and performance when you purchased your robotic spraying equipment. Now, take the next step and offer your customers the best in quality duct coatings.

Ductile, a member of the Flex Seal brand of coatings, provides a permanent and flexible barrier for insulation, preventing delamination and stopping fiberglass fibers and asbestos from entering the airstream.

Ductile also contains a preservative which inhibits the growth of mold and mildew on its surface. Ductile can be used to coat wood, masonry block and when combined with a water-based primer, even coats galvanized metal.

Ductile's black color easily blends with duct interiors, and quickly dries to a smooth, even surface. You and your customers will enjoy its professional appearance and quick installation.



Mold growth and fiberglass delamination

Low Odor And Short Drying Time

The level of volatile organic chemicals is slight causing minimal odor. This, along with a fast drying formulation, shortens downtime to four hours or less on average.

Remains Flexible And Scrubbable

The superior flexibility and durability of DUCTILE allows you to easily wipe away any dust, dirt, grease or other matter on its surface. DUCTILE will remain flexible over time, and will not flake or peel.

Other Performance Aspects

Ductile seals fiberglass to prevent blow off. It also seals porous surfaces, is cleanable with water, is non-flammable, non-flaking, non-chalking and is chemical resistant.



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Technical DATA

PERFORMANCE

- Ductile is water-based, and may be stored outside during winter months. Ductile may be frozen and thawed up to five times with no effect on its performance.
- Do not apply when temperatures are below 50 degrees F. Do not store at temperatures over 100 degrees F.
- Ductile is a low-odor formulation, and only requires a few hours of unit downtime. Allow two to five hours of drying time, depending upon temperature.
- Do not thin Ductile.

CHARACTERISTICS

Boiling Point: 212 degrees F
 Vapor Pressure: 17mm Hg @ 20 degrees C
 Coating V.O.C.: 0.12 lbs / gallon
 Vapor Density (AIR = 1): Heavier than air
 Solubility in Water: Dispersible
 Appearance: Black liquid
 Odor: Slight ammoniacal odor
 Respiratory Protection: NIOSH approved respirator designed to remove particles
 Ventilation: Mechanical is recommended
 Eye Protection: Recommended for general protection with safety eyebath nearby
 Protective Gloves: Recommended for general protection
 See MSDS for more detailed information

APPLICATION

PREPARATION: In Air Duct and HVAC system interiors, a negative air pressure is recommended to avoid dirt and other particles from entering into the rest of the system, and to restrict the venting of any paint odors into occupied areas.

All surfaces must be clean and dry, free from dust, greases, oils, or other contaminants. Lightly vacuum surface to remove visible fungus and dirt. A vacuum fitted with HEPA filtration is recommended.

EQUIPMENT: Ductile is engineered to be sprayed using a robotic sprayer system. For best results, use an electric 30:1 airless sprayer unit with a .013-.015 fluid tip and 800-900 psi atomizing pressure at the gun.

After use, flush out equipment with plenty of water before product dries.

In some instances, the product may be applied using a brush or roller. Older fiberglass insulation will have a tendency to delaminate and come off on the roller, so only roll onto surfaces which are relatively new and intact.

SPRAYING METHODS: All applicators must wear standard spraying gear such as goggles, gloves, and a paint respirator. Airless spraying of any type generates paint mist. Care must be taken to not place one's hand in front of the spray nozzle tips.

COVERAGE: Depending upon surface porosity, coverage will be 50-150 square feet per gallon,

FOLLOW INSTRUCTIONS CAREFULLY