

Technic data sheet:

ECOGUARD MAXGLOSS

Primer & Finish

Hard Surface Protective Floor Barrier

PRODUCT DESCRIPTION: isi GmbH Germany Ecoguard MaxGloss Protective Barrier system consists of the MaxGloss Primer and the MaxGloss Finish.

It provides an economical, slip resistant protective finish, designed to provide high gloss and durability over polished concrete and other hard surfaces.

MaxGloss is long lasting, easy to apply and maintain, and provides a clear, abrasive resistant finish. It is designed to protect and enhance the mechanical surface gloss of polished concrete floors and withstand heavy pedestrian traffic.

MaxGloss acts as a renewable wearing surface to maintain the integrity of the polished surface while providing increased gloss and excellent clarity. Ideal uses are for polished concrete, terrazzo, and stone, exposed to high traffic such as terminals, lobbies, showroom floors, restaurants, schools, malls, as well as residential kitchen floors and living spaces.

BENEFITS:

1. Provides surface protection with no wearing surface membrane.
2. Environmentally safe formulation contains no zinc metals or APE surfactants
3. Finishes to a reflective gloss finish with exceptional DOI (Distinction of Image)
4. Micro cellular composition bonds with the surface matrix to provide excellent abrasion resistance
5. Exceeds both ASTM D 2047 and NFSI Test Method 101-A Slip Resistance Standards
6. Protects against food and oil stains
7. Easy to maintain with routine cleaning and conditioning

COMPOSITION: MaxGloss contains proprietary resins, polymers, and wetting agents.

PHYSICAL PROPERTIES at 70° F (21°C):	APPROXIMATE VALUES:
Weight per Gallon:	8.52 +/- 0.10 lb./ gallon
pH:	8.00 +/- 0.20
%Solids:	28.00 +/-0.10 (Concentrate)
Color:	Opaque, milky white
Freeze Point:	32°F (-1.1°C)
VOC (Volatile Organic Compounds):	<25 g/L (0.20 lb./gal)

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LEED CREDIT CONSIDERATIONS: Materials and Resources:

MR Credit 1.2-Building re-use. Indoor Environmental Quality:

EQ Credits 4.2: Low emitting materials (VOC < 25 g/L).

MR Credits 5.2: Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: 51598 Friesenhagen – Germany .

SLIP RESISTANCE:

MaxGloss Protective Barrier meets or exceeds CSPA and UL slip resistance standards when tested in accordance with ASTM D 2047, and properly maintained.

SURFACE PREPARATION:

Complete the polishing process to the desired gloss and damp mop or run an auto-scrubber with water and squeegee to remove all ground, concrete dust.

For existing hard surface floors, clean with detergent as needed to remove any oil, grease, dirt and any other surface contaminants, and rinse thoroughly.

Allow the surface to dry for 1-2 hours minimum.

APPLICATION:

MaxGloss Primer & Finish are to be diluted with potable water at a ratio of 1:9 parts by volume for most floors – the dilution can be reduced to 1:4 for very porous floors or for floors with anticipated heavy foot traffic and daily abuse.

Both MaxGloss Primer and Finish are applied in the same manner. Using a low pressure, high volume pump-up sprayer, apply a light application and immediately spread in even thin layers over the concrete surface, using a synthetic fiber micro-applicator.

Apply MaxGloss Primer & Finish in a manner that allows a 20-25% overlap and no missed areas. Allow 20 to 30 minutes between applications.

SPILL CLEAN-UP:

Use soap and warm water promptly after spill and take care to clean the spill before MaxGloss is allowed to dry.

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APPLICATION (Continued):

We recommended an initial application of one (1) coat of Primer and two to three (2-3) thin coats each of the Finish.

MaxGloss Primer may be burnished within 30-45 minutes of application using a high speed burnisher fitted with the ECOGUARD Hypergloss pad.

Burnishing between applications of the MaxGloss Primer & Finish will certainly enhance the gloss and clarity. Once the final coat of MaxGloss Finish has been applied, allow 4-6 hours for optimum gloss and distinction of image (DOI) and burnish with the ECOGUARD Hypergloss pad. Once complete, we recommend one final pass using a high speed burnisher fitted with a standard Hogs Hair pad.

MAINTENANCE:

Clean surfaces with ECOGUARD Daily Cleaner and water using the ECOGUARD Maintenance Pad No. 6. Abrasive cleaners, strong chemicals, acids and floor strippers can damage the MaxGloss barrier. Abrasion from pedestrian traffic and routine scuffs and scratches can easily be removed by daily cleaning and using a high speed burnisher fitted with a Hogs Hair burnishing pad. Please refer to the ECOGUARD Maintenance program for complete floor care.

COVERAGE:

Primer: Approx. 25 – 30 m² per 1 Liter ready mixed in using 1:9 concentrated

Finish: Approx. 30 – 40 m² per 1 Liter ready mixed in using 1:9 concentrated over the MaxGloss Primer.

CAUTIONS:

This is a concentrate. Do not exceed the recommended dilution rate.

May be applied to surface and ambient temperature as low as 4-5°C and above.

Do not use cotton mops.

MaxGloss is not suitable for concrete subject to chemical or caustic exposure or containment on industrial floors, or applications that are exposed to sub-grade water or under continuous submersion. May be used in exterior applications.

MaxGloss Primer cannot be applied over non-porous, sealed surfaces.

MaxGloss may be used on concrete countertops but is not recommended in applications requiring direct contact with food.

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PACKAGING: 1 Liter – 5 Liter - 25 Liter – 120 Liter

STORAGE: 15 ° bis 30 ° Celsius
Keep from freezing. If frozen, allow to thaw to room temperature and stir before using.

SHELF LIFE: 2 years properly stored.

H.M.I.S. CODES (Hazardous Materials Identification System):

HEALTH = 1, FLAMMABILITY = 0, REACTIVITY = 0, PERSONAL PROTECTION = C

SHIPPING CLASS: ITEM 33880, SUB 2, LTL 55 CONCRETE POLISH-WATER BASE-
NOT REGULATED BY D.O.T.

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