



Technical Data

AnvilDeck

Rapid Curing Industrial Floor Coating

NB 1287
Revised: 011410

MANUFACTURER

GatorHyde Protective Coatings, Inc.
2210 South Highway 69
Wagoner, OK 74467
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PRODUCT DESCRIPTION:

AnvilDeck is a two component, 58% Solids content, fast curing, modified URETHANE/EPOXY polymer, specifically formulated for use as a versatile thin film concrete coating and rapid repair material. Because of **AnvilDeck's** low viscosity it quickly penetrates concrete substrates, providing a highly durable, industrial floor coating. Standard pot life is 4 minutes however the product can be slightly adjusted. **(Contact manufacturer for details).** **AnvilDeck** can also be mixed with sand, aggregate, marble dust, silica or a combination thereof to form a high strength, rapid repair patching compound for vertical or horizontal concrete repairs.

PRIMARY APPLICATIONS:

- CONCRETE SPALL REPAIR
- CONCRETE RESURFACING COATING
- BRIDGE DECK REPAIRS
- BELOW GRADE CONCRETE REPAIRS
- CONTROL JOINT RE-FACING
- PARKING DECK REPAIRS
- CONCRETE ROOF & BALCONY DECK REPAIRS
- SUB-FREEZING CONCRETE SPALL REPAIR
- ELIMINATE CONCRETE DUSTING

APPLICATION:

AnvilDeck can be applied by either hand mixing, or through plural component cartridge packs and a static mixing wand. (1:1 by volume)

SPECIAL APPLICATIONS:

AnvilDeck can be used as a RAPID concrete coating for protection against dusting, petrochemicals, and highly abrasive vehicle/foot traffic or as a thin film membrane coating for industrial floors.

AVAILABLE COLORS:

Standard Colors:

- Concrete Gray
- Safety Yellow
- Red
- Amber

Additional colors are available upon request. Contact the manufacturer for color carrier recommendations.

APPLICATION RECOMMENDATIONS:

AnvilDeck adheres extremely well to properly prepared concrete and metal surfaces. Prior to application of material make sure that there is no loose dust, dirt, rust, grease, mold release agent, petrochemicals, wax or any material that will interfere with the bonding process.

TYPICAL PROPERTIES (1:1 BY VOL.):

TENSIL STRENGTH, PSI	ASTM D638	4500
ELONGATION, %	ASTM D638	6
COMPRESSIVE STRENGTH, NEAT	ASTM D695	3800
COMPRESSIVE STRENGTH, SAND	ASTM D695	4450
SHRINKAGE		None
EXUDATION		None
BOND STRENGTH, psi	ASTM D4541	1200
HARDNESS, SHORE D	ASTM D2240	71
SOLIDS CONTENT, %		89
COLOR		Amber
VISCOSITY, cps, neat		25
VOC, g/l		2.3
POT LIFE @ 72° F		3 min
TACK FREE @ 72° F		10 min
FINAL CURE @ 72° F		20 min

ADVANTAGES:

- Extremely low viscosity, will penetrate concrete for permanent bonding
- May be bulk mixed for large spall repair areas
- Can be either hand mixed or applied through low pressure plural component cartridge spray systems
- Cures in 20 minutes for quick project turn around time frames
- Self-Leveling
- Will not shrink
- Cures down to 0° F. Cure time will be extended at lower temperatures

ADVANTAGES CONTINUED:

- Can be mixed with industrial quartz, sand, aggregate, silica fume, or marble dust or make a durable polymer concrete
- Can be mixed with marble dust to form a highly strong adhesive for bonding concrete, wood, steel or plastic
- Good chemical resistance
- Minimum surface preparation required

MIXING INSTRUCTIONS:

AnvilDeck is a two component product:

Dispense through a static mixing wand when using plural component pump systems.

When mixing bulk material mix individual sides prior to combining "A" side into "B" side, then stir.

When using low or high pressure spray equipment use proper respirators.

When hand mixing neat material, fill equal amounts of "A" side and "B" side components into separate containers. Pour both containers into a third larger container and stir material thoroughly for a period of 15 seconds then apply to specified surface area by pouring, or painting with brush. If using **AnvilDeck** as a primer, one good 5-10 mil coat should be sufficient, depending on the porosity of the substrate. NOTE: Soft, unsound, highly porous concrete may require 2-3 applications of **AnvilDeck** in order to adequately prepare the surface for installation of a urethane/ polyurea sealant or coating.

CLEAN-UP/DISPOSAL:

Cured product may be disposed of without restriction. The un-cured "A" side and "B" side components should be mixed together and disposed of in a normal manner. "Drip free" containers should be disposed of according to local, state, and federal laws.

SHELF LIFE & STORAGE:

One year in sealed, unopened factory containers, under normal storage conditions of 55° F to 95° F.

PACKAGING:

One Hundred Ten Gallon Kit: 55 gallons of "A" side and 55 gallons of "B" side

Ten Gallon Kit: 5 gallons of "A" side and 5 gallons of "B" side.

One Gallon Kit: 1 gallon of "A" side and 1 gallon "B" side.

600 by 600 ML Cartridge Packs: Packaged 6 plural component cartridges per case.

SHIPPING INFORMATION:

AnvilDeck can be shipped via most commercial truck lines. Please refer to the MSDS for further information.

TECHNICAL SERVICES:

Contact **GatorHyde** sales and customer support at (918) 485-2835

WARRANTY:

The technical data and any other printed information furnished by GatorHyde are true and accurate to the best of our knowledge. **AnvilDeck** conforms to in-house quality control procedures and should be considered free of defects. Due to the wide range of applications of this product, it is impossible to assume responsibility for any errors in regard to application, coverage, workmanship, over-spray, or injuries resulting from the use of this product. GatorHyde makes no warranty expressed or implied, of its products and shall not be liable for indirect or consequential damage in any event.

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