



Technical Data

DLX Kast 95

Hybrid Urethane/Polyurea

NB 1298

Revised: 011410

MANUFACTURER

GatorHyde Protective Coatings, Inc.
2210 South Highway 69
Wagoner, OK 74467
Phone: (918) 485-2835

PRODUCT DESCRIPTION:

DLX-Kast 95 is a two component, 100% solids, no VOC's (Volatile Organic Compound), hybrid polyurea that has been developed for long term immersion service in water, wastewater, and sewage applications. This polyurea displays outstanding physical properties, excellent resistance to microbial and bacteria including anaerobic and aerobic microbial waste by products. This product also displays excellent chemical resistance, thermal stability and UV resistance. **DLX-Kast 95** was developed specifically for the casting industry where fast cure times and above average physical properties are required.

APPLICATION EQUIPMENT:

See manufacturer for specific details and recommendations.

AVAILABLE COLORS:

- Black
- Gray
- Yellow

Custom Colors on Request

INSTALLATION RECOMMENDATIONS:

See manufacturer for specific details and recommendations.

TYPICAL PHYSICAL PROPERTIES :

TENSILE STRENGTH, PSI	ASTM D412	6194
ELONGATION,	ASTM D412	427
100% MODULUS	ASTM D412	1136
200% MODULUS	ASTM D412	2054
300% MODULUS	ASTM D412	4040
TEAR STRENGTH, PLI	ASTM D624	411
HARDNESS, SHORE D	ASTM D2240	45
HARDNESS, SHORE A	ASTM D2240	95
FLEXIBILITY, 1/8" MANDREL	ASTM D1737	PASS
FLASH POINT, °F	PENSKY-MARTIN	>200
TABER ABRASION, MG LOSS	ASTM D40	12.3
CS 17 WHEELS	1KG, 1000 REVS	
VISCOSITY B-SIDE (75°F)	CPS	850
VISCOSITY A-SIDE (75°F)	CPS	650
WATER ABSORPTION	ASTM D471	< 1.0%

TYPICAL PROCESSING PROPERTIES:

GEL TIME	ADJUSTABLE	
TACK FREE TIME	ADJUSTABLE	
VOLUME RATIO	V:V	1:1

CLEAN-UP/DISPOSAL:

Cured product may be disposed of without restriction. The un-cured isocyanate and resin portions should be disposed of according to local, state, and federal laws.

SAFETY & HANDLING:

MSDS will be mailed immediately upon receipt of a purchase order or upon request. All personnel should read and understand the safety recommendations. All body parts should be covered and activated charcoal respirators (at a minimum-forced air is preferable) are necessary for safe application of this product. Keep uncured product away from children at all times.

SHELF LIFE & STORAGE:

Six months to one year in factory delivered, unopened drums. Keep away from extreme heat, freezing, and moisture. The use of drum heaters is encouraged to reduce material viscosity at low temperatures. Preferred material storage temperature is 60°F. However, the materials should be warmed to a minimum of 70°F and stirred to achieve optimum processing properties.

PACKAGING:

DLX-Kast 95 is available in 5 gallon pails, 55 gallon drums and 275 gallon totes. In 55 gallon drum, the "A" Side drum has a material weight of 500 lbs. The "B" Side drum has a material weight of 450 lbs.

SHIPPING INFORMATION:

DLX-Kast 95 can be shipped via most commercial truck lines. The shipping class is "55" polyurea spray. The "A" and "B" sides are unregulated.

CHEMICAL RESISTANCE:**ASTM D3912 MOD. 3 DAY IMMERSION**

<u>Chemical</u>	<u>Result (25°C)</u>
Acetic Acid (5%)	R
Anti-freeze	R
Brake Fluid (DOT3)	RC
Diesel Fuel	R
Gasoline	R
Hydrochloric Acid (20%)	R
Motor Oil	R,Dis
Sodium Hydroxide (10%)	R
Sulfuric Acid (10%)	R,Dis
Transmission Fluid	R
JP-4 (Jet Fuel)	RC
Xylene	RC

R = Recommend = Little or no Visible Damage

RC = Recommend Conditional = Some Effect-Swelling,
Discoloration

C = Conditional = Cracking—Wash Down Within One Hour of
Spillage to Avoid Effects

NR = Not Recommended

Dis = Discoloration Only

ADHESION RESULTS:**ASTM D-4541 Patti Tester**

Concrete (direct to concrete)	(NO PRIMER):	>350 PSI
	- Glue Failure	
Concrete	PoxyPrime	600 PSI
	-EPOXY Glue Failure	
	-1/8" Concrete on dolly	
Carbon Steel (direct)		900 PSI

WARRANTY:

The technical data and any other printed information furnished by GatorHyde are true and accurate to the best of our knowledge. **DLX-Kast 95** 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, 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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