

## Deck Coating Selection & Cross Reference Chart

Type of Deck Coating	TuffTex Materials	PSI	LymTal	Tremco/ Vulkem	BASF	Neogard	Pecora	Sika	Pac Poly	Polycoat
<b>1 Component, water catalyzed, 400 % stretch</b>	RepDeck SOS	B-Tuff 302		350	MasterSeal Base Coat	Auto Gard 70410	501	Sikalastic 748	Elasto-Deck 5001	PC-220
<b>Water-Cured Base Coat</b>	RepDeck SOS	E-Tuff 100		Tremproof 360						PC-550
<b>Intermediate Coating (Traffic)</b>	RepDeck BC/SD	P-Tuff Classic or TopShield 500/500EF	Iso-Flex 750 2 component	345 or 346	MasterSeal 1500 Top Coat		502	Sikalastic 715	Elasto-Glaze 6001 AR	Poly-I-Guard 246
<b>1 Coat System or Top Coat System (2 Part)</b>	RepDeck SD	B-TUFF 308	Iso-Flex 760	950	MasterSeal 275 Top Coat	FC7920r 7962		Sikalastic 720	Elasto-Deck 6500	PC-380 (not UV Stable)
<b>Top Coat- Low Odor (2 Part)</b>	RepDeck HDC	B-Tuff 5600 or StainTuff 4000	Iso-flex 760	951	MasterSeal 275 Top Coat	FC7960			Elasto-Deck 6500	Poly-I-Guard 295 OF
<b>Clear Aliphatic Top Coat</b>	RepDeck TC	TopShield WB, Stain-Tuff 4072								Stain-Gard 7000
<b>Clear U.V. Stable Top Coat (2 part)</b>	RepDeck TC	TopShield 5600 Clear		951				Sikalastic 748 SC	Elasto-Glaze 6001 AI	Stain-Gard 7072
<b>Intercoat primer (1:1)</b>	RepPrime #3	Enviro-grip #555		171 Urethane primer	Masterseal 733				Metal Primer	PolyPrime U
<b>Epoxy Primer- Low Odor (1:1)</b>	RepPrime #1	Enviro-Grip #2				Concrete Primer			Elasto-Poxy WB	
<b>Epoxy Primer- No Odor</b>	RepPrime OF	Enviro-Grip #1			Conipur	Concrete Primer			Elasto-Poxy WB	
<b>System: 43 mil</b>	RepDeck SOS	Flexi-Deck P-PD		Vulkem 345/346		Autogard			Elasto-Deck 5000HT	
<b>Black Membrane Waterproofing</b>	RepDeck H & V	Terra-Shield WC-100		TREMproof 250 CG	HLM 5000		CCW-703	Sikalastic 320	Elasto-Deck BT-H20	
<b>60 Mil Sheet Waterproofing</b>	RepDeck SM-60	PT-60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**Notes:**

Systems can be tailored by interchanging materials to suit a projects demand/requirements. Highlighted systems and products:

The products shown here are used on a frequent bases. Some of the systems listed interchange primers, basecoats and topcoats based on individual project requirements.

**TuffTex Materials** has many other products available that “other” manufacturer’s also produce and are not used often but do get requested. Please ask if ever questioned or have a need!

**Primers:**

- **RepPrime OF** (Odor Free) - No Odor– Excellent for interior and enclosed application.
- **RepPrime #1** (Heavy Duty) - Two versions of this primer can be used: HD- 250 at VOC and HD-100 at 100 VOC.
- **RepPrime #3** (Intercoat Primer) - Two Component Urethane Intercoat primer for urethane and polyurea coatings. Must be used on intercoat adhesion for vehicular parking deck coating application when coating over existing urethanes. Must be coated within 2-4 hours of drying.
- **RepPrime MF** (Moisture Free) - one coat, alkali resistant, two component, 100% solids, zero VOC, epoxy primer that effectively stops moisture- related problems with all types of floor coverings. **RepPrime MF** will reduce moisture vapor emission rates (MVER) of up to 25 lbs/1000 sqft per 24 hours (11.34 kgs/92.90 sqm) to below the limit of 3 lbs/1000 sqft (1.36 kgs/92.90 sqm) required by most finished flooring manufacturers.

**Base Coats:**

- **RepDeck SOS (Water curable base coat)** – Low Odor Water curable base coat, solvent free, fast curing. Good for balconies, parking garage, wood decks and creating slope with Sand Slurry. Must broadcast aggregate on surface of coating when thumbprint tacky. 1 each 5 gallon pail makes 6.25 gallons when water is added. **RepDeck SOS** is TDI Free.
- **RepDeck SD (Super Deck)** – Low Odor, Two component fast curing hand mix base coat – Is U.V. stable and used for decorative finishes with poly quartz or flake floor finishes where clear top coats are used.
- **RepDeck BC (Base Coat)** – Low Odor, Two component slower setting curing hand mix base coat. \*Slower setting version of **RepDeck SD**.

**Top Coats:**

- **RepDeck SD (Super Deck)** – Most versatile coating made. Low Odor, Two component fast curing hand mix base or top coat – Is U.V. stable and used for decorative finishes with poly quartz or flake floor finishes where clear top coats are used.
- **RepDeck HDC (Heavy Duty Coating)** – two component Aliphatic Polyurea hybrid blend, fast cure (2 hours) Low Odor top coat for ultra-Tuff vehicular and pedestrian traffic conditions. HDC is available in clear.
- **RepDeck TC-** Aliphatic Polyaspartic 2 component ultra-fast cure and top coat for heavy wear surfaces and decorative finishes clear and tinted colors.

**Fabric Reinforcement:**

- **RepTapes JC or CT** - used to hide and seal all cracks, butt joints, suspect laps and flashing transitions before coating (smooth surfaces required) . All metal surfaces to be coated with **RepDeck SOS** must be primed with **RepPrime #1** or **RepPrime #3** primer. Never apply primer over tape and never overlap tap (butt join only).
- **RepTape MT** – fully embedded end to end coating application or 4-6” pre stripes joint and crack reinforcement.

**Sealant:**

- **RepSeal NS** is a high performance, interior or exterior joint sealant for use in both moving and non-moving joint applications. **RepSeal NS** provides a long lasting weather tight seal to a variety of building substrates. Please use the correct product grade that complies with VOC regulations as per federal, state, statutory bodies, county and city regulations/codes at the place of installation of product.

**Typical Deck Coating Systems:**

**RepDeck SD Fast Cure, low odor, easiest of all systems**

- **Parking Deck System**- one or two coat system applied at 25 sq/ft p/gallon in one coat or two applications at 30 mils base and 20-30 mils top. Aluminum oxide @ 15-20lbs/100sf. Coating may be applied any thickness in one application and used for sloping and pond filling.
- **Pedestrian Deck System**- two coat system applied at 80 sq/ft p/gallon first coat. Round silica sand @ 25lbs/100sf or aluminum oxide @ 10lbs/100sf. Second coat @ 80SF/gal. Coating may be applied any thickness in one application and used for sloping and pond filling.

**RepDeck HDC- SEAMLESS FAST CURE SYSTEM for Parking Decks**

**RepPrime #1** primer @ 250-300 sq/ft p/gal.

**RepDeck HDC** @ 50 sq. /ft p/gal. Round Silica sand @ 25lbs/100 sf.

**RepCoat HDC** @ 80 sq. /ft p/gallon. (Low Odor)

**Aggregates:**

Round silica sand or Aluminum Oxides– 20/40 and 16/30(used on balconies and pedestrian walkways). 16/30 and 12/20 used on vehicular traffic and ramps (both pedestrian and vehicular).

**Note:**

- *SILICA SAND is a low cost anti-slip for a more aggressive anti-slip protection. Used as the broadcast medium for a Solid Color system. It can also be used as a more aggressive anti-slip solution for pedestrian walkway ramps.*

**Aluminum oxide** – 16 and 24 grit (used on parking structures and ramps for both vehicular and pedestrian traffic).

**Note:**

- *ALUMINUM OXIDE adds very tough skid resistance and texture profile to a surface. Long lasting for extended anti-slip performance in wet conditions. White color can be used as an exposed aggregate or fully coated with a UV stable topcoat.*

**ALUMINUM OXIDE AGGREGATE USES:**

- *Industrial and Commercial Floor Applications, Parking Structure Surfaces and Garage Floors*
- *Entrances & Exit Wet Areas, Stairs, Decks & Balcony's*

**WHY ALUMINUM OXIDE AGGREGATE?**

- *Works well with high performance 2 part floor coatings*
- *Does not change physical properties of the coating*
- *Well bonded into the body of the coating*
- *Long lasting for extended anti-slip performance*
- *White color can be used with clear coatings and decorative floors using chips*
- *Increases service time between recoats over sand and synthetic aggregates*