

# DuraCoat®

## NON-SLIP SAFETY COATING SPECIFICATIONS

### DESCRIPTION:

DuraCoat® is a tough, single-pack, totally flexible, slip-resistant, waterproof protective polyurethane coating with self-contained recycled rubber granules for an attractive tough-textured finish. When exposed to atmospheric moisture, DuraCoat® undergoes a chemical curing process which changes it from a liquid to a tough polyurethane membrane. It has excellent abrasion and chemical resistance. It is also available in a smooth version without the rubber granules.

Both DuraCoat® (aromatic version) and DuraCoat 18® (aliphatic version) may be used for indoor and outdoor applications. However, as DuraCoat® may experience some degree of fade in outdoor applications, DuraCoat 18® is recommended for maximum UV protection under these conditions.

For enhanced UV protection, DuraCoat® may be topcoated with Turtle's rejuvenator. Call Turtle Plastics for more information.

DuraCoat® will chemically bond to most clean and dry surfaces. These include, but are not limited to, concrete, wood, fiberglass, metal, rubber and sound-painted materials. Some metal and extremely porous surfaces may need to be primed. DuraCoat® can be applied by roller, brush or spray. DuraCoat® can give a relatively smooth or rough surface, depending on application technique.

### ADVANTAGES:

- One-Part—No mixing of components
- Totally Flexible—Never chips, flakes or peels
- Repairable—Bonds to itself
- Protection—Waterproof; resistant to acid, chemicals, UV exposure, salt water
- Fast Drying—Very short intercoat time; foot traffic in 6 to 12 hours
- Economical—Lasts for years; no need to remove old DuraCoat® when recoating

A complete Material Safety Data Sheet is available on request.

### PHYSICAL PROPERTIES:

#### Polyurethane

- Weight per gallon, pounds 10
- Viscosity, Krieb units 67-72
- Percent solids by weight 66%
- Application temperature range 32°F to 95°F
- Application thickness, 2 coats dry 29-39mils
- Flexibility total flexibility
- Resilience resilient in dry state
- Abrasion resistance—Tabor wheel, 1000 gr load, 1000 cycles 30.5
- Fire resistance—Flame spread ASTM E-162: 01  
Smoke generation ASTM E662: 06
- Salt water resistance 100%
- Freeze-thaw resistance -60 F to +254 F
- Pot life 3 hours
- Shelf life min. 1 year
- Flash time 1\* to 3 hours
- Walk time 6 to 12 hours
- Time between coats ± 1 hour
- Full cure ± 4 days
- VOC 2.9 lbs/gal
- DOT Hazmat Info. Paint, 3, UN1263, PG III



**USES:** DuraCoat® has many applications for commercial, military and civilian use. DuraCoat® protects surfaces from foul weather elements and harsh chemicals, while creating a non-slip surface on:

Pedestrian walkways, truck beds, ramps and loading docks, bridges, metal and wooden steps, catwalks, ship decks, marine applications, pleasure boats, storage tanks, floors, handicap ramps, pools and spas, sealing rusty pipes, playgrounds, freight elevators, tool handles, roofing, vehicle undercoating, curb ramps, parking lots.



### COLORS:

DuraCoat® comes in standard and custom colors, including Black, Dark Grey, Light Grey, Brick Red, Safety Red, Dark Blue, Medium Blue, Forest Green, Avocado Green, Safety Yellow, Safety Orange, White, Tan, Cream and Clear (*without pigment or rubber granules*).

All colors also available in smooth version (*without granules*). Color matching on volume orders.

**NOTE:** Colors are approximate. For an actual sample, please call Turtle Plastics or your local distributor.



## TURTLE PLASTICS

THE RECYCLED PLASTICS COMPANY



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