



PAINT DESCRIPTION

DESCRIPTION:

WriteyBoard Paint is a one component moisture cured polyurethane (HDI based) coating/sealer that exhibits superior characteristics for removing written markings with good UV stability for both indoor and outdoor use. Designed to remove: Dry Erase Markers, Low-odor Dry Erase Markers, Permanent Markers (*Sharpie*), Regular Markers, Highlighters, Crayons, Finger Paints, and Spray Paint. Recommended for application over smooth, cured, interior latex or enamel oil-based top-coat paint, various interior and exterior cured paints, cured cement surfaces, and other surfaces.

SOLIDS BY WEIGHT:

85% (+/- 2%)

SOLIDS BY VOLUME:

48% (+/- 3%)

VOLATILE ORGANIC CONTENT:

176g/l

COLOR:

Clear (gardner 1) or White Dye

RECOMMENDED FILM THICKNESS:

2 mils per coat wet thickness

COVERAGE PER GALLON:

384 square feet @ 3 square feet per ounce; coverage may vary when sprayed, applied over unsealed/unprimed, smoothness and porosity of surface

STIR BEFORE EACH USE:

One component product. Thoroughly stir before use

SHELF LIFE:

3 months in unopened container

FINISH CHARACTERISTICS:

High gloss (>70 at 60 degrees @ Erichsen glossmeter)

ABRASION RESISTANCE:

Taber abrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles= 4.4 mg loss

IMPACT RESISTANCE:

Gardner Impact, direct & reverse= 100 in. lb. (passed)

HARDNESS:

2H

FLEXIBILITY:

No cracks on a 1/8" mandrel

ADHESION:

360 psi @ elcometer (concrete failure, no delamination) (applied over NP154 clear primer)

VISCOSITY:

Less than 200 cps (typical)

DOT CLASSIFICATION:

FLAMMABLE LIQUID

U. S. DOT Shipping Name: Paint

U.S. DOT Hazard Class:

Not Regulated

I.D. Number: UN1263 **CURE SCHEDULE: (70°F)**

recoat20 minutes

tack free (dry to touch).....4-7 hours

use dry erase1 day – 5 days

permanent markers.....14 days

regular markers7 days

APPLICATION TEMPERATURE:

50-90 degrees F with relative humidity between 60-90%

CHEMICAL RESISTANCE:

REAGENT RATING

acetic acid 5% C

xylene E

MEK B

methyl alcohol B

gasoline D

10% sodium hydroxide E

50% sodium hydroxide D

10% sulfuric D

10% hydrochloric acid D

20% nitric acid C

ethylene glycol D

Rating key: A - not recommended, B - 2 hour term splash spill, C - 8 hour term splash spill, D - 72 hour immersion, E - long term immersion.

PRIMER / UNDERCOAT:

Interior: apply directly to cured oil based paint, primer or top-coat latex paint. Also apply over other surfaces. Test small area before application

LIMITATIONS:

* For best results use a good quality All-Purpose paint brush, a high quality low-lint low nap roller, or an airless sprayer.

* Surface must be dry and cured prior to application. Test small area for compatibility

* Applications in direct sunlight, high humidity or high temperatures may cause surface curing before suitable air release has occurred..

* Clarity may be affected by high humidity, low temperatures, chemical exposure or exposure to sodium vapor (or similar) lights.

* Concrete must be cured for at least 30 days.

* Concrete retaining and/or over earth requires moisture barrier.

* Substrate temperature must be 5°F above dew point.

* Use a suitable undercoat.

* If recoating after 24 hours, then the surface must be deglossed before next application.

* Physical properties are typical values and not specifications.

* See Disclaimer & MSDS.

