



Gerflor Gameline Paint Technical Datasheet

GERFLOR GAME LINES PAINT

Low V.O.C. 2-Component Polyurethane Game Line Paint System

Product Description:

GERFLOR 2-component polyurethane line paints are high gloss, flexible, non-yellowing and wear resistant coatings which exhibit excellent adhesion to most sport surfaces.

Intended use:

GERFLOR Game Lines Paints are intended for interior or exterior use as game line marking paints in athletic facilities. They can be used on synthetic, rubber or wooden surfaces (providing appropriate surface preparation procedures are respected).

Standard Colors:

White	4100	Yellow	4500
Black	4200	Green	4600
Blue	4300	Orange	4700
Red	4400		

Physical properties of Parts “A” & “B” mixed:

	Specific Gravity (ASTM D1475)	V.O.C. in gr./liter mixed A & B	Coverage per 1.25 US quarts.*
White (4100)	1.155	246	Up to 500 lin. ft.
Black (4200)	1.037	249	Up to 500 lin. ft.
Blue (4300)	1.063	244	Up to 500 lin. ft.
Red (4400)	1.060	233	Up to 500 lin. ft.
Yellow (4500)	1.125	225	Up to 500 lin. ft.
Green (4600)	1.125	249	Up to 500 lin. ft.
Orange (4700)	1.107	233	Up to 500 lin. ft.

*Linear feet/unit based on a 2 “wide line.

NOTE: Recommended film thickness is 2 - 2.5 mils dry. Some colors may require more than 2 mils dry film thickness for perfect hiding.

Mixing Ratio: 4 Parts “A” with 1 Part “B” by volume. (one container of part A mixed with container of part B)
For best results, wait 10 – 15 minutes after mixing before applying the paint.

Pot Life: 4 hours @ 77°F (25°C) and 50% R.H.



Drying Time (ASTM 1640): (At 21°C/70°F and 50% R.H.)	
Recoat time:	Wet-on-wet 30 minutes after first application.
Touch dry:	24-36 hours
Light traffic:	72 hours
Heavy traffic:	7 days
Full chemical cure:	10 days

Note: Drying times may be accelerated with the addition of our 292-1AC Accelerator.

Tests Results

Test	ASTM	Result
Viscosity	D562-81	70 KU + /-2
Specular Gloss	D523	> 90%
Percentage Solids	D1644	72 ± 2% by weight
Adhesion (Cross Cut)	D3359	5B
Hardness	D3363	HB
Solvent Resistance	D4752	Pass: 100 MEK rub
Impact Resistance	D2794	Pass: 60 in. lbs.
Flexibility	D522	Pass: 1/8" Mandrel bend

Shelf life:

Part A: 5 years

Part B: 2 years

If stored in its original container, unopened and in a heated warehouse.

Safety Cautions:

Prior to using this product, consult the SDS for more information. Avoid temperatures above 100°F (38°C) or below 50°F (10°C). Avoid prolonged breathing of vapors and skin contact. Prolonged exposure can cause irritation to eyes, mucous surfaces and respiratory passages. Use in a well-ventilated area and do not smoke while applying. Keep away from fire and open flame. Avoid contact with eyes, skin and clothing. Wear gloves and protect face during application. In case of contact with the eyes, flush immediately with plenty of water. Get medical attention promptly. If skin contact occurs, wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. Wash hands thoroughly before eating or smoking, POISONOUS IF SWALLOWED. Should GERFLOR Game Lines Paint be swallowed accidentally, do not induce vomiting and contact physician immediately.

GERFLOR Game Lines Paint is for industrial or commercial use only. It must be applied by trained personnel only.

Note: GERFLOR Game Lines Paint is FLAMMABLE. Smoking or the use of electrical equipment that may cause sparks should be prohibited while these products are in use. Solvent soaked rags represent a dangerous fire hazard. They should be discarded in accordance with local or state safety regulations.

Warranty:

Gerflor warrants that this product has been manufactured from the highest quality raw materials, under conditions to meet rigid quality standards established by **Gerflor**. Therefore, the following is made in lieu of all other warranties expressed or implied. Sellers and manufacturers sole obligation shall be to replace such quantity of the product proven to be defective. Neither seller nor manufacturer shall be liable for any loss or damage direct or consequential arising out of the use of or the inability to use this product. Before using, user shall determine the suitability of the product for his intended use. User assumes all risks and liability whatsoever in connection therewith. No person has authority to change these terms and there are no warranties, except as herein stated.

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