

Premium Polyurethane : High Gloss and Superior Durability

Description	<p>Beger Diamond Premium Polyurethane is a moisture-cured polyurethane for exterior and interior finish. It s higher solid content provides faster build, a deeper gloss, and better durability with fewer coats. It is specially formulated to give optimum coating performance, crystal clear film, excellent resistance to abrasion, wearing, chemicals and heat. Its optimized drying technology provides a 50% faster dry time than regular polyurethane. Added special anti-bacterial chemical effectively prevents bacteria and fungus growth on polyurethane film. Not recommend to use on wood substrate under direct sunlight.</p> <p>* Beger Diamond Polyurethane #P-55 for interior wood coating.</p> <p>* Beger Diamond Polyurethane #P-88 for exterior wood coating. Extra UV absorber, help preventing wood from harmful UV ray.</p> <p>No added lead and no added mercury for health and environmental safe.</p>		
Feature and Benefits	<p>* Maximum surface protection.</p> <p>* Maximum chemical resistance.</p> <p>* Maximum durability.</p> <p>* Maximum film-built.</p> <p>* 50% faster drying.</p> <p>* Maximum gloss.</p>		
Properties for Use	<p>Beger Diamond Polyurethane is ideal for parquet, wooden floor, wooden furniture, roller-skating alley, bowling lane, dancing floor, and concrete surface.</p>		
Film Thickness and Spreading Rate	Minimum	Maximum	Typical
* Dry film thickness (microns)	0	0	30
* Wet film thickness (microns)	0	0	0
* Theoretical coverage rate (m/U.S.Gallon/coat)	40	45	Actual consumption rate depends application method and surface condition.
Physical Properties	<p>: Polyurethane</p> <p>: Super Gloss</p> <p>: Clear</p> <p>: 30 - 60 minutes</p> <p>: 4 - 6 hours</p> <p>: 2 - 3 days</p> <p>: More than 23°C</p>		
Application Method	<p>: Brush, roller or spray gun.</p> <p>: Beger Thinner #T-85. Clean tools or equipment immediately after use.</p> <p>: The moisture content in the concrete should not exceed 14% (by weight).</p> <p>: First coat : application by airless spray gun, spray gun, brush and roller dilute with ratio Beger Diamond : Beger Thinner #T-85 = 3 : 1</p> <p>: Next coat : application by airless spray gun, spray gun, brush and roller dilute with ratio Beger Diamond : Beger Thinner #T-85 = 4 : 1</p>		
Application System	<p>: Surface should be dry and clean.</p> <p>: Remove completely all dirt, grease, oil, water or other contaminants from surface and sanded down.</p> <p>: Proper surface preparation is the key to maximum finish performance.</p> <p>* Wood must be thoroughly dry, clean and porous enough to allow Beger Diamond to penetrate.</p> <p>* Mildew and dirt should be removed from previously stained or sealed surfaces and sanded if necessary for better penetration.</p> <p>* Surface with mold and mildewed areas should be clean with alkaline cleaning solution and rinsed with water.</p> <p>* For new hardwood surfaces, a light sanding with 80-100-grit sandpaper is recommended to open the pores for maximum penetration.</p> <p>* For tannin containing wood, wipe the surface with Beger Thinner #T-85 to reduce the effect of tannin bleeding.</p> <p>: New and uncoated wood</p> <p>* For tannin containing wood, use Beger Thinner #M-1199 to reduce the effect of tannin bleeding.</p> <p>: Previously painted, stained or clear sealed wood</p> <p>* Sand all glossy surfaces and remove loose paint, chalk area to improve adhesion.</p> <p>* If surface has greatly deteriorated, strip the entire surface by sanding or chemical stripper to the bare wood.</p> <p>: To prevent peeling off, do not shellac or use other filler and primer.</p> <p>: Lightly san with fine grain sand paper for better adhesion. Remove all sanding dust.</p> <p>: Wood Surfaces</p> <p>* Primer : Beger Wood Sealer #B-2000 for prevent tannin bleeding 1 coat : Beger Wood Sanding Sealer #B-2400 for seal wood grain and prevent tannin bleeding</p> <p>* Top Coat : Beger Diamond Polyurethane 2 - 4 coats</p> <p>: To add matt or semi-gloss</p> <p>* Top Coat : Beger Polyurethane B-5000/511 (90% matt) 1 coat : Beger Polyurethane B-5000/513 (70% matt)</p>		
Storage	<p>: The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away form source of heat an ignition.</p> <p>: Containers must be kept tightly closed.</p>		
Health and safety	<p>: Use under well ventilated conditions.</p> <p>: Do not breathe or inhale mist.</p> <p>: Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water.</p> <p>: Eyes should be well flushed with water and medical attention sought immediately.</p>		
Precaution	<p>: Keep out of reach of children.</p>		
Reference Standard	<p>: -</p>		
Packing Size	<p>: 1/4 Gallon, 1 Gallon.</p>		

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, We cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.