

Poly Rapid Prime™



Introducing Poly Rapid Prime™:

Revolutionizing Concrete Surfaces with Speed, Performance, and Limitless Color Possibilities

Get ready to experience the power of Poly Rapid Prime™, a two-part rapid-curing polyaspartic primer designed to transform concrete surfaces with unprecedented speed and performance. This solvent-free primer, crafted with Advanced Cure Technology, swiftly reacts with atmospheric moisture to achieve rapid curing, allowing your project to progress quickly and efficiently. In fact, it achieves re-coat readiness in an astonishing 20-40 minutes under most conditions.

But that's not all. Poly Rapid Prime™ offers exceptional adhesion, forming a strong and long-lasting bond with both dry and slightly damp substrates. It serves as the ultimate solution for priming and sealing porosity in concrete, masonry, and a wide range of non-metallic substrates, providing a solid foundation for your coating system.

Say goodbye to stress and time pressures. With a generous pot life after mixing, Poly Rapid Prime™ gives you ample time for a smooth and precise application. It effortlessly adapts to various surfaces, whether it's ground or blasted concrete or older surfaces stripped of oil and contaminants. Its versatility expands your creative possibilities, making it an ideal choice for diverse applications.

And let's not forget the array of vibrant colors available. Poly Rapid Prime™ offers over 130 colors through our Infinity Effects Pigmentation machine. Unleash your creativity and elevate your space with a floor that exceeds ordinary expectations. Whether you're aiming for decorative masterpieces or durable industrial surfaces, Poly Rapid Prime™ allows you to create a customized floor that perfectly reflects your personal style and vision.

Experience the freedom of customization with our in-house pigmentation machine method. Transform your flooring into an artistic canvas, ready to be adorned with an explosion of colors or industrial hues. Let your imagination run wild as you experiment with unique color combinations, bringing your space to life and leaving a lasting impression.

Welcome to a new era of creativity, where speed, adhesion, ease of use, compatibility, and vibrant colors converge to redefine the possibilities of your flooring. Elevate your space and unleash the full potential of your floors with Poly Rapid Prime™—a primer that not only delivers flawless performance but also offers limitless color options.

Discover the power of Poly Rapid Prime™ and embrace a world of limitless customization for your concrete surfaces. It's time to revolutionize your projects, create a space that stands out, and make a lasting impact with a floor that combines exceptional performance with stunning aesthetics.



Poly Rapid Prime™



Poly Rapid Prime™: ADVANTAGES

Rapid curing: Achieves re-coat readiness in 20-40 minutes under most conditions.

Exceptional adhesion: Forms a strong and long-lasting bond with dry and slightly damp substrates.

Priming and Sealing: Ideal for priming and sealing porosity in concrete, masonry, and non-metallic substrates.

Easy application: Provides a generous pot life after mixing, allowing for a smooth and precise application.

Versatile compatibility: Adapts effortlessly to various surfaces, expanding creative possibilities.

Limitless color options: Over 130 vibrant colors available through our Infinity Effects Pigmentation machine.

Customization: Transform your flooring into an artistic canvas, creating unique color combinations.

Revolutionize projects: Redefine the possibilities of your flooring with speed, adhesion, and vibrant colors.

Flawless performance: Delivers exceptional performance, combining durability and stunning aesthetics.

SURFACE PREPARATION:

Prior to applying Poly Rapid Prime™, ensure that the substrate is thoroughly dry and cured. Although trace amounts of surface moisture may be tolerated, it is preferable to have a dry surface. Remove any loose materials, laitance, oil, grease, or other contaminants to achieve a clean surface. Diamond grinding or blasting is recommended for concrete substrates, but if not feasible, thorough cleaning is essential.

MIXING: Combine the entire hardener component with the resin in the designated tin. Mix the components slowly for 3-5 minutes, ideally using a flat mixing blade in a drill. Be cautious not to introduce excessive air into the mixture, as it can reduce the pot life. Alternatively, if a smaller quantity is needed or if the pot life may be exceeded, measure the resin and hardener in the specified proportions using digital scales.

SOLVENT: When applying Poly Rapid Prime™ through a spray application method, it is permissible to add up to 10% of recommended solvent. Please contact Infinity Effects representative for information.

APPLICATION: Poly Rapid Prime™ can be effectively applied using a brush, roller, or airless spray. Apply a thin coat, ensuring that the material is worked into pinholes and imperfections to achieve complete coverage of the surface. Avoid excessive application, as it may lead to foaming and the formation of thick areas. Some porous substrates may require a second coat to ensure full sealing of all porosity.

POLY RAPID PRIME- Specification	
Type	Two part moisture activated polyurea coating
Mix ratio	See label on tin
Hardener	243
Resin Density	1.06 kg/litre
Coverage	6 - 8 m ² /litre, depending on surface texture and porosity
Minimum over-coating time	20 minutes
Maximum over-coating time	48 Hours
Solvent	Thin with recommended solvent if necessary and for spraying
Colours	Clear
Pack sizes	1, 2.5, 5 and 10 litre
Shelf Life & Storage	6-12 months in original, unopened container. Store in cool, dry conditions

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OVER-COATING: In most conditions, Poly Rapid Prime™ can be over-coated with a wide range of coating types within 20-40 minutes, allowing for foot traffic. It chemically bonds with epoxy, polyurethane, and polyurea coatings, provided they are applied before Poly Rapid Prime™ reaches full curing. It is recommended to overcoat Poly Rapid Prime™ within 48 hours for optimal results.

Safety is important. Refer to the product labels for general safety information and consult the Material Safety Data Sheets (MSDS) for detailed guidance.

Order your Poly Rapid Prime™ directly from Infinity Effects or through our global distribution agents. Please note that all Infinity Effects products are sold according to our Standard Conditions of Sale. While we aim to provide helpful advice, we can only guarantee results for uses explicitly confirmed in writing by Infinity Effects and the specified representative.

AVAILABLE PIGMENT RANGE		
Poly-201 • 5kg • RGB: 228,222,215	Poly-220 • 5kg • RGB: 232,183,145	Poly-239 • 5kg • RGB: 236,200,181
Poly-202 • 5kg • RGB: 228,222,215	Poly-221 • 5kg • RGB: 251,226,199	Poly-240 • 5kg • RGB: 231,195,184
Poly-203 • 5kg • RGB: 228,222,215	Poly-222 • 5kg • RGB: 245,230,208	Poly-241 • 5kg • RGB: 223,175,160
Poly-204 • 5kg • RGB: 243,217,195	Poly-223 • 5kg • RGB: 244,236,218	Poly-242 • 5kg • RGB: 243,202,167
Poly-205 • 5kg • RGB: 241,214,195	Poly-224 • 5kg • RGB: 248,240,229	Poly-243 • 5kg • RGB: 244,228,226
Poly-206 • 5kg • RGB: 246,226,208	Poly-225 • 5kg • RGB: 248,242,234	Poly-244 • 5kg • RGB: 241,227,225
Poly-207 • 5kg • RGB: 240,221,210	Poly-226 • 5kg • RGB: 243,229,217	Poly-245 • 5kg • RGB: 241,221,218
Poly-208 • 5kg • RGB: 247,222,198	Poly-227 • 5kg • RGB: 246,229,209	Poly-246 • 5kg • RGB: 241,198,172
Poly-209 • 5kg • RGB: 249,222,194	Poly-228 • 5kg • RGB: 241,216,196	Poly-247 • 5kg • RGB: 231,192,177
Poly-210 • 5kg • RGB: 244,214,192	Poly-229 • 5kg • RGB: 243,221,199	Poly-248 • 5kg • RGB: 243,204,182
Poly-211 • 5kg • RGB: 249,224,197	Poly-230 • 5kg • RGB: 236,223,221	Poly-249 • 5kg • RGB: 240,191,154
Poly-212 • 5kg • RGB: 244,209,176	Poly-231 • 5kg • RGB: 236,214,211	Poly-250 • 5kg • RGB: 226,215,210
Poly-213 • 5kg • RGB: 250,222,193	Poly-232 • 5kg • RGB: 240,221,209	Poly-251 • 5kg • RGB: 234,221,215
Poly-214 • 5kg • RGB: 246,212,176	Poly-233 • 5kg • RGB: 226,195,192	Poly-252 • 5kg • RGB: 240,237,234
Poly-215 • 5kg • RGB: 250,239,218	Poly-234 • 5kg • RGB: 229,203,188	Poly-253 • 5kg • RGB: 227,186,184
Poly-216 • 5kg • RGB: 251,226,192	Poly-235 • 5kg • RGB: 231,227,226	Poly-254 • 5kg • RGB: 246,234,232
Poly-217 • 5kg • RGB: 248,223,188	Poly-236 • 5kg • RGB: 232,202,190	Poly-255 • 5kg • RGB: 243,223,219
Poly-218 • 5kg • RGB: 248,243,228	Poly-237 • 5kg • RGB: 229,193,172	Poly-256 • 5kg • RGB: 238,223,226
Poly-219 • 5kg • RGB: 242,243,224	Poly-238 • 5kg • RGB: 238,207,194	Poly-257 • 5kg • RGB: 234,187,156

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AVAILABLE PIGMENT RANGE

Poly-258 • 5kg • RGB: 221,176,161	Poly-282 • 5kg • RGB: 230,204,171	Poly-306 • 5kg • RGB: 178,115,110
Poly-259 • 5kg • RGB: 223,187,173	Poly-283 • 5kg • RGB: 196,194,194	Poly-307 • 5kg • RGB: 176,111,108
Poly-260 • 5kg • RGB: 223,175,141	Poly-284 • 5kg • RGB: 176,176,175	Poly-308 • 5kg • RGB: 210,160,150
Poly-261 • 5kg • RGB: 210,166,144	Poly-285 • 5kg • RGB: 244,201,155	Poly-309 • 5kg • RGB: 208,207,216
Poly-262 • 5kg • RGB: 224,194,178	Poly-286 • 5kg • RGB: 231,176,120	Poly-310 • 5kg • RGB: 169,181,204
Poly-263 • 5kg • RGB: 204,169,164	Poly-287 • 5kg • RGB: 227,189,166	Poly-311 • 5kg • RGB: 148,172,195
Poly-264 • 5kg • RGB: 221,205,185	Poly-288 • 5kg • RGB: 245,211,176	Poly-312 • 5kg • RGB: 179,189,198
Poly-265 • 5kg • RGB: 235,207,187	Poly-289 • 5kg • RGB: 199,162,103	Poly-313 • 5kg • RGB: 233,199,164
Poly-266 • 5kg • RGB: 231,204,187	Poly-290 • 5kg • RGB: 203,181,134	Poly-314 • 5kg • RGB: 154,116,102
Poly-267 • 5kg • RGB: 224,221,217	Poly-291 • 5kg • RGB: 210,179,136	Poly-315 • 5kg • RGB: 119,117,120
Poly-268 • 5kg • RGB: 218,213,208	Poly-292 • 5kg • RGB: 239,190,171	Poly-316 • 5kg • RGB: 110,165,227
Poly-269 • 5kg • RGB: 215,214,213	Poly-293 • 5kg • RGB: 233,155,136	Poly-317 • 5kg • RGB: 52,183,126
Poly-270 • 5kg • RGB: 206,204,204	Poly-294 • 5kg • RGB: 214,146,110	Poly-318 • 5kg • RGB: 227,109,114
Poly-271 • 5kg • RGB: 219,223,226	Poly-295 • 5kg • RGB: 198,144,142	Poly-319 • 5kg • RGB: 255,228,147
Poly-272 • 5kg • RGB: 238,231,222	Poly-296 • 5kg • RGB: 229,117,110	Poly-320 • 5kg • RGB: 167,95,93
Poly-273 • 5kg • RGB: 226,227,227	Poly-297 • 5kg • RGB: 153,76,74	Poly-321 • 5kg • RGB: 194,186,223
Poly-274 • 5kg • RGB: 213,225,237	Poly-298 • 5kg • RGB: 213,134,115	Poly-322 • 5kg • RGB: 234,176,117
Poly-275 • 5kg • RGB: 231,227,218	Poly-299 • 5kg • RGB: 211,161,152	Poly-323 • 5kg • RGB: 124,161,141
Poly-276 • 5kg • RGB: 213,214,214	Poly-300 • 5kg • RGB: 199,158,156	Poly-324 • 5kg • RGB: 128,140,126
Poly-277 • 5kg • RGB: 217,213,204	Poly-301 • 5kg • RGB: 175,116,93	Poly-325 • 5kg • RGB: 172,142,147
Poly-278 • 5kg • RGB: 235,215,181	Poly-302 • 5kg • RGB: 150,87,75	Poly-326 • 5kg • RGB: 148,132,139
Poly-279 • 5kg • RGB: 224,214,183	Poly-303 • 5kg • RGB: 149,148,149	Poly-327 • 5kg • RGB: 134,144,155
Poly-280 • 5kg • RGB: 204,218,192	Poly-304 • 5kg • RGB: 206,199,190	Poly-328 • 5kg • RGB: 245,189,161
Poly-281 • 5kg • RGB: 214,224,232	Poly-305 • 5kg • RGB: 191,192,193	Poly-329 • 5kg • RGB: 220,165,132

DISCLAIMER: Customers are advised to thoroughly read and adhere to the instructions provided to ensure the optimum finish and performance of our products. The information presented is based on results gained from experience and tests and is believed to be accurate. However, we do not accept liability for any loss or damage attributable to reliance on this information, as conditions of use may lie outside our control. Any deviation by the user from these instructions may affect the performance of the products, and therefore, such actions are not advised. In such circumstances, Infinity Effects will not be held responsible. Users should always conduct sufficient tests to establish the suitability of any products for their intended applications. While we strive to ensure consistency of color in production, slight variations in shade may occur from batch to batch. **Note:** If you are unsure about the compatibility of Infinity Effects Coating with the substrate surface, we strongly recommend conducting a small test in a discreet area before applying it to the entire floor. This precaution will help ensure a successful and satisfactory outcome.