

Poly Rapid Prime V2

Roll it. Spray it. Pour it.

INFINITY
EFFECTS™



**Introducing Poly Rapid Prime V2:
Revolutionizing the industry straight from the tin.
Roll it. Spray it. Pour it. Install It Your Way - The Infinity Way!**

Get ready to experience the next generation of performance with **Poly Rapid Prime V2**, a two-part, rapid-curing multi-purpose UV-Stable polyaspartic primer engineered to take your surface to an entirely new level. Built with upgraded Advanced Cure Technology, **Poly Rapid Prime V2** now offers a longer pot life for easier application. Fully sprayable straight from the mix, it allows projects to move quickly while achieving re-coat readiness in as little as 240 minutes under most conditions depending on how its applied Rolling and Spraying cure faster than Pouring but they all perform when needed!

But that's just the beginning. **Poly Rapid Prime V2** provides significantly stronger adhesion, bonding aggressively to dry concrete, masonry, and a wide variety of non-metallic substrates. Its enhanced hardness and durability make it the ideal primer for sealing porosity and building a stable foundation for high-performance coating systems.

Say goodbye to application stress. With its extended working time and smoother handling, **Poly Rapid Prime V2 trowels, rolls, or sprays effortlessly across multiple substrates** even older, contaminated surfaces that have been stripped clean. Its improved versatility opens the door to even more creative and demanding applications than ever before.

And now, the colour range is limitless. **Poly Rapid Prime V2** is available in solid black, white, clear, and **over 1,000+ colours** through the Infinity Effects pigmentation system. Transform any floor into a unique, high-performance surface that reflects your exact style, whether you're creating decorative finishes or durable industrial environments. **Poly Rapid Prime V2** gives you the freedom and the performance to elevate every project

Experience the freedom of customization with our advanced in-house pigmentation system. Transform surfaces of every kind floors, walls, timber, concrete, countertops, and more into a true artistic canvas, enriched with endless colour possibilities. Let your imagination run wild as you explore bold tones, subtle hues, or industrial finishes, bringing any space to life with unforgettable character and style.

Welcome to a new era of creativity, where speed, adhesion, versatility, and ease of use define what's possible. **Polyurea Rapid Prime V2** introduces breakthrough improvements, including its spray & pour ready formulation straight from the mix, delivering flawless flow, superior coverage, and durable protection across even the most demanding on-site environments. **For enhanced performance, contact your Infinity representative or global distributor about accessory options such as Infinity Spray Assist engineered specifically for polyaspartics and the Fish Eye Inhibitor, designed to maximise surface levelling.**

Discover the power and adaptability of **Polyurea Rapid V2**, a next-generation primer and coating solution built for virtually any substrate. It's time to redefine your projects, elevate your space, and create surfaces that stand out combining exceptional performance, boundless colour potential, and a finish that leaves a lasting impact.



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Poly Rapid Prime V2: 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 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.

UV Stable Performance: Delivers exceptional UV-Stability

SURFACE PREPARATION:

Prior to applying Poly Rapid Prime V2:, ensure that the substrate is thoroughly dry and cured. Remove any loose materials, laitance, oil, grease, or other contaminants to achieve a clean surface. Diamond grinding or blasting is recommended for concrete substrates.

MIXING: Combine the entire hardener component (Part B) with the resin (Part A) in the designated tin. Mix the components slowly for 2-3 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. Please measure the resin and hardener in the specified proportions using digital scales.

SOLVENT: When applying Poly Rapid Prime V2: through a spray application method, it is permissible to add up to 10% of recommended Infinity Spray Assist Solvent Alternative. Please contact Infinity Effects representative for information.

APPLICATION: Poly Rapid Prime V2: can be effectively applied using a brush, roller, trowel or spray gun 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 the formation of thick areas. Some porous substrates may require a second coat to ensure full sealing of all porosity.

Important: The Infinity Universal Pour Systems Primer must be applied before installing if you plan on pouring this system to ensure correct adhesion and system performance.

POLY RAPID PRIME V2 - Specification

Type	Two part moisture activated polyurea coating
Mix ratio	See label on tin
Hardener	INFI-X3
Resin Density	1.06 kg/litre
Coverage	6 - 8 m ² /litre Rolled on surface texture and porosity, 1-2 m ² /kg Poured on
Minimumover-coating time	20 minutes
Maximumover-coating time	24 Hours
Solvent	Thin with recommended spray assist if necessary for spraying
Colours	Clear
Pack sizes	1 and 5 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 V2: 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 V2: reaches full curing. It is recommended to overcoat Poly Rapid Prime V2 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 V2: 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.

MORE COLOURS AVAILABLE OVE 1000+ CONTACT 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.



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Technical Data



Abrasion Resistance ISO 5470-1

Taber test method expresses results in mg on a scale between 0mg (highest resistance) and 3000mg (lowest). A reading below 3000mg is a CE mark pass.

3000mg → 0mg
Lowest → Highest



Impact Resistance ISO 6272

Impact is expressed as Newton metres. Greater than 4 Nm is a CE mark pass.

Class 1 >4Nm
Class 2 >10Nm
Class 3 >20Nm



Adhesion Test ISO 2409

Cross-Cut Test method. Class 0 is highest adhesion, Class 5 is lowest.

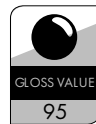
Class:
5 → 4 → 3 → 2 → 1 → 0
Lowest → Highest



Adhesion Test EN 1542

Adhesion is expressed in MegaPascals (MPa) or Newton millimetres squared (Nmm²). Greater than 2 MPa is a CE mark pass.

>2MPa (Nmm²)
= test pass

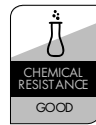


Gloss Value

Rating is a 'Gloss Unit' measured on an Optical Glossmeter.



Matt 0-10%,
Low Sheen 10-25%,
Eggshell 26-40%,
Semi-Gloss 41-69%, Gloss
70-85%, High Gloss +85%



Chemical Resistance

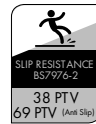
Results shown are for tests with commonly used chemicals. Advice can be given for chemicals not listed here.



Water Permeability EN 1062-3

To achieve a CE mark, the measurement must be less than 0.1 kg/m²(24 h)^{0.5}

CE Marking
Critical Value:
< 0.1kg/m²(24 h)^{0.5}
W₁ → W₂ → W₃
Lowest → Highest



Slip Resistance BS7976-2

The Pendulum Test Value (PTV) is measured in wet conditions. A number above 36 indicates a 'low slip potential'.

High: 0-24 PTV
Moderate: 25-35 PTV
Low: 36+ PTV



STANDARD COMPLIANCE



EN 1504-2

This mark indicates that a coating has passed all the tests required to carry a CE mark.



REACH COMPLIANT

