TECHNICAL DATA SHEET

POLYASPARTIC EXTENDER / SPRAY ASSIST

SPRAY PERFORMANCE & POT LIFE ENHANCEMENT ADDITIVE

IMPROVES FLOW & LEVELING | EXTENDS WORKING TIME | REDUCES VISCOSITY | ENHANCES SPRAY PERFORMANCE | PROFESSIONAL RESULTS

Developed by Infinity Effects Materials Science Division

PRODUCT DESCRIPTION

Polyaspartic Extender / Spray Assist is a next-generation spray performance additive specifically engineered to improve the application characteristics of fast-curing polyaspartic coating systems.

Developed using advanced solvent replacement technology, this professional-grade additive enhances atomisation, improves flow characteristics and extends working time without compromising the mechanical properties, chemical resistance or long-term durability of the cured coating.

Unlike conventional thinners, Polyaspartic Extender / Spray Assist has been formulated to optimise spray performance rather than simply reduce viscosity. It significantly improves spray consistency, minimises tip drying, prevents premature gelling within spray equipment and produces an exceptionally smooth, uniform finish.

Designed for professional applicators, Polyaspartic Extender / Spray Assist enables contractors to achieve superior film quality while reducing downtime caused by spray equipment blockages.



RECOMMENDED DOSAGE

Product	Recommended Addition
R.S.P Poly Base Coat	5–10%
R.S.P Poly Topcoat	5–10%

Dosage may be adjusted depending upon:

- Ambient temperature
- Humidity
- Spray equipment
- Hose length
- Desired film build
- Application method

Always carry out a small trial before full application.

MIXING INSTRUCTIONS

1. Measure the required quantity of Polyaspartic Extender / Spray Assist.
2. Add directly into Part A before mixing with Part B.
3. Mechanically mix until fully dispersed.
4. Add Part B following the standard mixing procedure.
5. Mix thoroughly before spraying.

Only add the amount required for the intended application.

SPRAY EQUIPMENT RECOMMENDATIONS

For optimum performance Infinity Effects recommends:

- 3M Performance Spray Gun — Nozzle Size: 1.8–2.0 mm
- 3M Accuspray — Nozzle Size: 1.8–2.0 mm

Compatible with:

- HVLP
- Air-Assisted Airless
- Airless
- Conventional Pressure Pot Systems
- Compressor-Fed Spray Systems

EQUIPMENT PREPARATION

Before spraying:

- Flush all spray equipment with a suitable cleaning solvent or Polyaspartic Extender / Spray Assist.
- Ensure hoses and spray guns are completely free from cured material.
- Do not mix old material with freshly prepared coating.

STORAGE

Store in the original unopened container in a cool, dry location.

Protect from:

- Excessive heat
- Direct sunlight
- Moisture contamination

Keep containers tightly sealed when not in use.

HEALTH & SAFETY

Although Polyaspartic Extender / Spray Assist is formulated as a low-hazard professional additive, good industrial hygiene practices should always be followed.

- Wear protective gloves
- Safety glasses
- Suitable protective clothing

Avoid prolonged skin contact. Refer to the latest Safety Data Sheet (SDS) before use.

KEY FEATURES & BENEFITS

- Improves spray atomisation
- Optimises coating flow characteristics
- Extends workable pot life
- Produces smoother film finishes
- Reduces orange peel
- Compatible with professional spray equipment
- Minimises spray tip drying
- Prevents spray gun clogging
- Reduces mid-spray gel formation
- Improves transfer efficiency
- Maintains excellent film build
- Designed specifically for high-performance polyaspartic coatings

PERFORMANCE ADVANTAGES

Improved Atomisation
Carefully reduces application viscosity to produce a finer spray pattern, resulting in smoother, more consistent coating application.

Extended Working Time
Moderately slows the initial curing reaction, providing additional spraying time while maintaining rapid return-to-service characteristics.

Reduced Equipment Blockages
Helps minimise:

- Tip drying
- Needle build-up
- Spray gun clogging
- Material gelling inside hoses
- Interrupted spraying

Superior Finish Quality
Produces:

- Improved levelling
- Reduced orange peel
- Better gloss consistency
- Uniform film thickness
- Professional appearance

RECOMMENDED APPLICATIONS

DESIGNED FOR USE WITH:

- **R.S.P Poly Base Coat**
- **R.S.P Poly Topcoat**
- **Other compatible Infinity Effects polyaspartic coating systems**

SUITABLE FOR:

DECORATIVE FLOORING | INDUSTRIAL FLOORING | COMMERCIAL FLOORING | GARAGE FLOORS | COUNTERTOPS

FURNITURE | WALL COATINGS | ARCHITECTURAL FEATURES | PROTECTIVE COATINGS

TYPICAL TECHNICAL PROPERTIES

Property	Typical Value
Product Type	Polyaspartic Spray Performance Additive
Chemistry	Advanced Solvent Replacement Blend
Appearance	Clear Liquid
Colour	Clear
VOC Content	VOC Free
Flammability	Non-flammable
Hazard Classification	Non-Hazardous (when used as directed)
Primary Function	Spray Performance & Pot Life Enhancement
Recommended Addition	5–10%
Compatible Systems	Infinity Effects Polyaspartic Systems
Application Method	Spray Equipment
Pack Sizes	1 Litre & 5 Litre
Shelf Life	12 Months (Unopened)
Storage Temperature	5°C – 30°C
Storage Conditions	Store in cool, dry conditions away from direct sunlight

TYPICAL BENEFITS DURING APPLICATION

- Better atomisation
- Improved spray pattern
- Reduced overspray
- Improved transfer efficiency
- Cleaner equipment operation
- Less operator fatigue
- More consistent finish
- Improved edge wetting
- Increased productivity

TECHNICAL SUPPORT

Infinity Effects Technical Services can provide assistance with:

- Spray equipment setup
- Dosage recommendations
- Temperature-specific application advice
- HVLP optimisation
- Airless spray settings
- Film build optimisation
- Contractor training
- Large commercial project support

Professional application training is available through authorised Infinity Effects training centres.

ORDERING INFORMATION

Polyaspartic Extender / Spray Assist is available in:

1 LITRE | 5 LITRE

For technical advice, application guidance or distributor information, please contact Infinity Effects or your authorised distributor.