



ULTRA-DURABLE POLYASPARTIC COATING FOR FLOORING APPLICATION

M-607



www.yuxi-anode.com

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Formulated with modified polyaspartic ester resin and aliphatic isocyanate, YUXI's M-607 polyaspartic coating is a type of protective coating that is applied to concrete floors. Engineered for both commercial and residential use, this versatile sealant not only provides superior protection against abrasion, but also offers excellent resistance to harsh chemicals, UV rays and extreme temperatures. With its remarkable properties, our M-607 polyaspartic coating is an exceptional choice for all flooring needs. From vibrant colours to textured finishes, you can achieve the desired aesthetic for your project.

ADVANTAGES

- Environmental friendliness: high solids, lower volatile organic compounds (VOCs)
- Excellent color and gloss retention : offer exceptional glossy and attractive appearance to improve visual appeal
- Superior weather resistance and UV stability: withstand harsh conditions, including UV exposure, moisture and temperature fluctuations, without compromising their performance
- Superior abrasion and impact resistance: withstand heavy traffic and high mechanical loads
- Outstanding chemical and stain resistance: form a robust protective layer that resists to oil, grease and strong detergents
- Fast application and quick curing: can be fully cured and ready for use within a day, making them ideal for fast-paced environments
- Exceptional durability and longevity

FIELD OF USE

YUXI's polyaspartic coating can be successfully applied on the substrates in the following:

- Cementitious substrates, such as concrete surface, cement board, mortar, etc.
- Plaster structure, such as gypsum board or similar surface
- High porous substrates, such as brick, marble and natural stones
- Non-porous substrates, such as ceramic tiles or other masonry structure
- Wooden surfaces, such as parquet floor or otherwise

* For application to other substrates or scopes of use, please contact our technician for further information.



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PRACTICAL APPLICATION

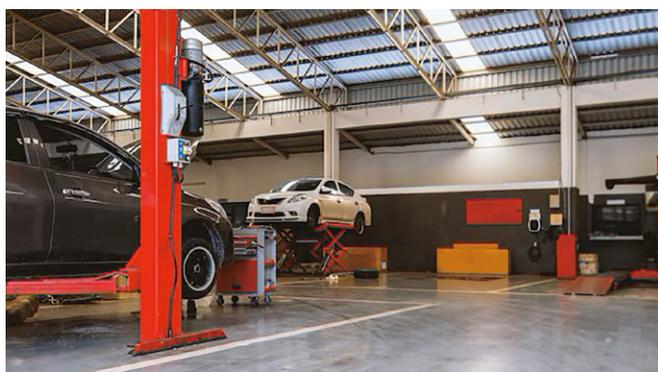
Known for its durability and longevity, YUXI's M-607 polyaspartic coating is the top choice for those seeking a reliable flooring option. It can be used in various settings such as parking garages, warehouses, hospitals, schools, subways and surfaces subject to high mechanical and chemical loads.



Durable floor coating for workshop and warehouse enduring high compressive strength from foot traffic and heavy machinery



Seamless topcoat for residential garage and basement that requires glossy flooring last for decades



Protective coating for concrete floor which required good abrasion and impact resistance, such as auto repair shops, car showrooms, laundries, etc.



High-end commercial floor coating which needs a safe and vibrant finish, such as shopping malls, convention centers, offices, hotels, etc.



Added chemical-resistant protective layer for indoor floors to withstand harsh conditions, such as laundries, laboratories, food processing plants, etc.



Long-lasting floor coating results with minimal downtime and easy maintenance, such as subway, airports, gas stations, etc.



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TECHNICAL CHARACTERISTICS

■ Component Properties

	Component A	Component B
Type	Base	Hardener
Composition	Isocyanate Trimer	Modified Polyaspartate Resin
Consistency	Liquid	Fluid
Color	Yellowish	Grey, Chartreuse Green
Weight	10 kg	10 kg
Packaging	Metal Pail	Metal Pail



* Other RAL colors are available on request.

■ Physical Properties

The parameters are given under specific test conditions in accordance with the requirements specified in the standards.

Technical Measurement	Performance
Scratch Hardness	2 H
Abrasion Resistance (Taber Test)	32.2 mg (1000 g load/1000 r)
Impact Resistance	50 cm
Adhesion Strength to Concrete	≥ 2.5 MPa
Exposure to Artificial Atmospheric Agents	No Swelling, No Chalking

■ Chemical Properties

The results are performed under lab controllable conditions. These values may vary based on the application, climatology, or substrate conditions.

Technical Measurement	Performance
A/B Ratio (by weight)	1:1
Solids Content	≥75%
Theoretical Coverage	0.17 kg/m ² (at 100 µm dry film thick)
Dry Film Thickness (DFT)*	100-300 µm
Pot Life	30 minutes (25 °C, RH 55%)
Tack-free Time	1 hour
Dry-through Time	12 hour
Overcoat Intervals	1~48 hour

*Actual required DFT may vary in certain applications, please contact us for technical clarification.



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■ Chemical Resistance

The results are performed under lab controllable conditions. These values may vary based on the application, climatology, or substrate conditions.

Chemical Substance	Concentration	Contact Time	Rusting	Blistering	Flaking
Sulphuric Acid (H ₂ SO ₄)	5%	168 h	No	No	No
Sodium Hydroxide (NaOH)	5%	168 h	No	No	No
Artificial Weathering Resistance	/	1500 h	No	No	No

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data are subject to change without prior notice. Test report issued by the third-party accredited laboratory is available upon request.

APPLICATION INSTRUCTIONS

■ Surface Preparation

All surfaces should be prepared accordingly depending on the type of substrate, for example by brushing, rubbing, sand blasting, shot blasting, scarifying, bush hammering. For optimum adhesion, the substrate must be sound, dry and clean. Remove all loose materials and contaminants, such as dirt, dust, debris, rust, grease, oil, wax, etc. Substrate temperature during application should be at least 3°C (5°F) above dew point.

■ Priming

The substrate must be treated with suitable prime. If needed, mid coat can be applied.

■ Mixing

Thoroughly premix component B prior to use. Then mix component A with the component B in the indicated mixing ratio till homogenous mixture is obtained. The material may be diluted with specified solvent as directed.

■ Equipment

Our polyaspartic coating can be applied by brush, roller, air sprayer, and airless sprayer. All tools should be cleaned immediately after use.



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STORAGE

Store the product in a dry, ventilated, covered area at temperatures between 5°C and 35°C. Protect from heat, frost and direct sunlight. The shelf life is 12 months from the date of production under suitable storage conditions in its original sealed packing. Once open, use it immediately. Opened containers can be resealed, but the material shelf life will ultimately shorten.

SAFETY PRECAUTIONS

Carefully read and follow all instructions on the safe handling and disposal of chemical products.

- **Warning:** This product contains organic solvent, which may cause skin irritation and inhalation can be toxic. Avoid contact with eyes and skin.
- **Eye protection:** Wear safety goggles to prevent splashing and exposure to particles in the air. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- **Skin protection:** Wear suitable protective clothing and gloves. In case of skin contact, wash with thoroughly soap and plenty of water. Get medical attention if irritation develops or persists.
- **Respiratory protection:** Adequate ventilation of the working area is recommended. When spraying, use an air-purifying respirator to protect the respiratory tract.
- **Fire prevention:** This product is flammable. In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.
- **Waste disposal:** The product is hazardous for aquatic life, do not dispose of the product down the drain. Follow and observe any applicable local or national laws and regulations.

For further and complete information about the safe use of our product, please refer to the latest version of our Material Safety Data Sheet (MSDS).





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