

# SuperPrime

# Zamix®

***When ordinary primer/sealers are not enough!***

## Applications:

Aluminum  
Galvanized Metal  
Non-Ferrous Metals  
Tile  
Porcelain  
Glazed Block  
Formica  
Cabinets  
Paneling  
Doors  
PVC  
Fibreglass  
Glass  
Old glossy paint  
Wood  
Plywood  
Hardboard  
Plasterboard  
Masonry  
Silicone  
Polyester  
Kynar

## Features and Benefits:

Excellent wet Adhesion

Low odour

Can be Sanded

Excellent levelling

Can be overcoated with with most paints: Alkyds, Acrylics, Epoxies, Urethanes, Lacquers

Sprayable with:  
Conventional air.  
Airless, HVLP

Soap and water clean up  
Non-flammable  
Primes and Seals

Helps prevent flaking,  
Blistering, peeling,  
bonds paint

### Product Description

Zamix SuperPrime is a high performance water-based bonder that has both primer and adhesive-like properties. It provides excellent adhesion and wet adhesion to "Hard - to - plait" surfaces, even when wet. Sanding may not be necessary for most clean and dull paintable surfaces, but sanding or dulling the surfaces is required for maximum adhesion, specifically on surfaces such as tile, porcelain and glazed block. SuperPrime can be used for both indoor and outdoor application and can be used with Oil or Alkyd, Water Based, Urethane, Epoxy and lacquer top coats. Zamix SuperPrime is white.

Zamix SuperPrime will form a hard film when fully cured. Its resistance to scratch testing can vary with the type of surface and the degree of cure, however, when full cured, it will provide long lasting adhesion.

### Product Use:

Zamix SuperPrime is an ideal prime coat for wood, metals, (Zamix SuperPrime Metal is specially formulated for use on Iron and Ferrous Metal where Corrosion Control is important) plaster, hardboard, Most plastics, fiberglass, Formica, tile, porcelain, glazed block, glass, etc. Also recommended for priming Kynar and silicone polyester. Note there are many types of surfaces, plastics and composite materials, always test a small area first for adhesion and topcoat compatibility before starting. When priming Kynar and silicone polyester try at least two test patches in different areas to check that the adhesion that is acceptable to you. Not recommended for baths, sinks or showers where continuous water or hot water contact occurs. Not recommended for use on polyethylene, polypropylene, Teflon or nylon. Not recommended for below grade application. For extra corrosion protection on iron and steel use Rust Inhibiting Primer. On extremely porous surfaces or severe staining types of wood additional coats of Zamix SuperPrime may be required. Certain staining agents, such as tannic acid or mineral salts from the water may require the use of Zamix BlockOut or Zamix CoverSeal Zamix SuperPrime dries to touch in about 30 to 45 minutes and will reach full hardness in 7 to 10 days depending on temperature, humidity and film thickness. It can be nib sanded after about 3 hours and lightly sanded 24 hours after application. It can be used for indoor or outdoor application and can be top coated with all top coats including latex, oil - alkyds, lacquers, urethanes and epoxies. Shelf life is 36 months, unopened at room temperature of 25°C

### Packaging Data:

### Zamix SuperPrime

3.5 Litre	4 per Carton
875ml.	6 per carton
4375ml.	12 per carton

All packaging allows room for tinting

### Product Preparation:

Zamix SuperPrime is ready to apply from the can.

If tinting, use universal tinting colours. Do not exceed two 55g of tint per 3.5 Litre. Shake or mix well before using.

### Surface Preparation:

Surface must be clean and dry, free from all grease, wax, oil, polish, loose paint, dirt rust or other contamination. Clean with a strong abrasive detergent, rinse well and allow to dry. Scrub moldy or mildewed surfaces with bleach and rinse well.

When priming hard, glossy surfaces, or metal clean thoroughly then wipe down the surface with Cellulose thinners or Xylene (Do not use mineral spirits, turpentine solvents that may leave oily residues).

For very hard, glossy surfaces, roughing the surface with silicon carbide sandpaper before applying Zamix SuperPrime may be necessary for the best adhesion.

### Zamix SuperPrime

**How to apply:** Apply by synthetic fibre brush, synthetic roller or by spray. Avoid any excess foaming by thoroughly wetting the brush or roller with water before applying. The temperature of the surface and the surrounding air should be between 3°C and 40°C. It will dry to touch in about 30 to 45 minutes under standard conditions. (25°C and 50% relative humidity). Thicker coats will take longer to dry. It will generally become hard in 7-10 days. They can be top-coated in 3 hours after application. When top-coated with 2-component paints allow 24 hours before painting. Do not paint in direct sun or on a hot surface. Stop application two hours before a heavy dew or rain. If possible plan your painting to avoid rain, moisture and high humidity for the first 24 hours of curing. Covers about 8-12m<sup>2</sup>/litre. Fill seams and edges after priming.

**Clean-up:** Clean-up with soap and water. If Super Prime "sets up", or when cleaning up splatters or spills, use warm water or lacquer thinner.

#### Potential Applications:

**Building Material Plastic:** More and more plastics are used in the building industry, including PVC sheeting and piping, vinyl shutters, vinyl moulding and profiles, laminated Formica paneling and cabinets as well as fiberglass garage doors and other moulded parts. First, remove old and loose paint then clean away wax, polish, grease and oil and other contaminants from the surface with a strong abrasive detergent. Wipe the surface with a cleaning solvent., Dry, then scuff sand the surface for maximum adhesion. Apply Zamix SuperPrime, wait 3 hours and topcoat. Test for adhesion before starting the job. Zamix SuperPrime is recommended for priming Kynar and Silicone polyester pre-coated siding. When priming Kynar and silicone polyester pre-paint siding at least two test patches in different areas to check adhesion that is acceptable to you.

**Tile, Glazing Block, Brick, Porcelain:** Decorative surfaces such as these can be restored and painted. First remove old paint and debris. Repair or patch any broken or damaged areas. Then clean away any wax, polish, grease, oil and other contaminants with strong abrasive detergent. Wipe the surface with a cleaning solvent. For maximum adhesion scuff sand or etch the surface, rinse well to remove any etching residues and allow to dry. Apply to SuperPrime and allow to dry for 3 hours then apply the topcoat. Not recommended for sinks, baths or shower areas where continuous water or hot water can be present. Note: where flexible seams or soft caulking are present, do not paint over. Always plan your job ahead and apply mastics after painting. Always fill edges or seams that can trap or hold moisture, and therefore, become the source of coating failure. For exterior jobs – where high water contact is expected or where moisture or dew may accumulate, two coats of the topcoat paint are recommended.

**Non-Ferrous Metals:** With Zamix SuperPrime you can get a long lasting, durable job when painting aluminum door and window frames, aluminum and copper flashing and trim as well as galvanized steel. Clean away all corrosion and any old paint, dirt, wax and grease. Wipe the surface with cleaning solvent. Allow to dry then apply the Zamix SuperPrime (Only one coat is required). Allow SuperPrime Three hours drying, then apply the topcoat.

#### Physical/.Chemical Data: Zamix SuperPrime

Weight per 3.5L	4.96Kg - 3.5Litre	
Non-volatile by weight	45.20%	Non volatile by volume: 27.96%
Viscosity (KREBS Unites)	80 + / - 5KU	
Spreading rate (@ 1 mil both products	8 – 12 m <sup>2</sup> / litre	
Application Condition for both products:	(3° C. to 40 °C – Agitate before use)	
Drying schedule (ASTM D1640)	to touch: 30 to 45 minutes @ 25°C and 50% RH To topcoat :3 hours @ 25°C and 50% RH Dry hard: 7-10 days @ 25°C and 50% RH	

Flash Point (ASTM 3278-82) > 100°C

VOC: Less than 250 g /VOC by weight

Recommended film thickness: 1.0 mil dry (35. Mil wet)

Flexibility (ASTM D522-1 mil cold rolled steel): Excellent

Cross hatch adhesion (ASTM D3359, Method B): No Loss

Impact resistance (ASTM D2794-1154mm/Kg)

Temperature stability: (Up to 148°C intermittently)

Gloss (60° Gloss meter) : Less than 10

Topcoats recommended : Oil / Alkyd, Water Based, 2K Urethane, 2K Epoxy, Lacquers

**Caution:** keep from freezing, do not take internally. If sanding wear a dust mask to avoid breathing sand dust. Use with adequate ventilation. If you experience eye watering headache or dizziness wear appropriate, properly fitted respirators during application. Avoid contact with eyes. Wash thoroughly after handling. KEEP OUT OF REACH OF CHILDREN First aid: In case of eye contact, flush plenty of water for at least 15 minutes and get medical attention. If you experience difficulty in breathing leave the area to obtain fresh air

**Please see the Material Safety Data Sheet (MSDS) for this product.**

# **MATERIAL SAFETY DATA SHEET**

Product and reference : Zamix SuperPrime  
Date of issue : 1<sup>st</sup> October 2001

Revision : 1  
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## **1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

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Product Name and/or code : Zamix SuperPrime  
Intended use : Paint Primer  
Name : Paintz Ltd  
Full address: 26 High Street, Pinner  
Middlesex HA5 5PW  
Telephone Number : 0208 4290939  
Fax Number : 0208 4293283

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## **2. COMPOSITION INFORMATION ON INGREDIENTS.**

Substances presenting a health hazard within the meaning of the Chemicals (Hazard Information and Packing) Regulations 1994 or substances assigned and occupational exposure limit in EH40.

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## **3. HAZARDS IDENTIFICATION**

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### **4. FIRST AID MEASURES.**

General : In all cases of doubt, or when symptoms persist, seek medical attention.  
Eye Contact : Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.  
Skin Contact : Remove contaminated clothing. Wash skin thoroughly with soap and water or use proprietary skin cleaner. Do NOT use solvents or thinners.  
Ingestion : If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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### **5. FIRE FIGHTING MEASURES.** NONE

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### **6. ACCIDENTAL RELEASE MEASURES.**

Refer to protective measures listed in section 7 and 8. Contain and collect spillages with absorbent materials, e.g. sand, earth, vermiculite diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Do not allow to enter drains or water courses. Clean preferably with plenty of water; avoid the use of solvents.  
If the product enters drains or sewers the local Water Company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

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## **7. HANDLING AND STORAGE**

### **Handling**

For personal protection, see section 8

Never use pressure to empty: the container is not a pressure vessel.

Always keep in containers made of the same material as the supply container.

Good housekeeping standards and regular safe removal of waste materials will minimise risks of hazards.

The manual handling operations Regulations may apply to the handling of this product. Refer to the guide weight indicated on the container when carrying out assessments.

### **Storage**

Containers which are opened should be properly resealed and kept upright to prevent leakage. The principles contained in the HSE's guidance note Storage of Packaged Dangerous Substances should be observed when storing this product. Store separately from oxidising agents and strongly acidic substances. Do NOT allow to freeze.

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## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Engineering Measures**

If the product is sprayed provide adequate ventilation. Where practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulate below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn.

### **Exposure limits**

There are no substances which have an exposure limits in EH40

All ppe, including rpe, used to control exposure of hazardous substances must be selected to meet the requirements of the COSHH Regulations.

### **Personal Protection**

#### **Respiratory protection:**

If exposure to particulate identified above cannot be controlled by the provision of local exhaust and good general extraction suitable respiratory protective equipment should be worn.

#### **Hand Protection:**

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

#### **Eye Protection:**

Eye Protection designed to protect against liquid splashed should be worn.

#### **Skin Protection:**

Cotton or Cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and skin washed with soap and water or a proprietary skin cleaner.

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## **9 PHYSICAL AND CHEMICAL PROPERTIES.**

Physical state	:	Liquid
Flash point	:	Method
Viscosity	:	Method
Specific gravity	:	Method
Vapour density	:	
Lower explosion limit	:	
Solubility in water	:	Miscible

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## **10 STABILITY AND REACTIVITY**

Stable under the recommended storage and handling conditions. (See section 7).

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## **11 TOXICOLOGICAL INFORMATION**

There is no data on the product itself

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## **12 ECOLOGICAL INFORMATION**

There is no data on the product itself

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## **13 DISPOSABLE CONSIDERATIONS**

Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes, including emptied container's, are controlled wastes and should be disposed of in accordance with regulations made under the control of Pollution Act and Environmental Act.

[Using the information provided in this safety data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply]

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## **14 TRANSPORT INFORMATION**

This is classed as non-hazardous for all transport modes.

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## **15 REGULATORY INFORMATION**

**The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information and Packing) Regulations as follow:**

**The information contained in this safety sheet does not constitute the users own assessment of workplace risks as are required by other health and safety legislation.  
The provisions of Health and Safety at work etc. Act and the Control of substances Hazardous Regulations apply to the use of this product at work.**

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## **16 OTHER INFORMATION**

**Text of R phrases in section 2**

**R No Phrase**

**The information contained in this safety data sheet is provided in accordance with the requirements of the chemicals (Hazard Information and packing) Regulations.**

**The product should not be used for the purpose other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.**

**The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, Safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.**

**Further information and relevant advice can be found in:**

**The control of Substances Hazardous to Health Regulations 1988 (SI 1988:1657),**

**The Manual Handling Operations Regulations 1988 (SI 1992:2793)**

**Storage of Packaged Dangerous Substances, HS (G) 71**

**The environmental Protection (Duty of Care) Regulations 1992 (SI1992: 2839)**

**The Personal Protective Equipment (EC Directive) Regulation 1992.**

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