

WALKSAFE

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CODE: 460071

REVISION: 02

DATE: 05 October 2026

GENERAL DESCRIPTION

A twin-pack Polyurethane floor coating which is extremely tough and non-slip, even in cold and wet conditions.

USES AND PROPERTIES

This product is ideal for floors where safety is important e.g. Old Age Homes, ablution blocks, shower floors, steps and ramps and boat decks.

The product is non-slip and safe to walk on. It is also abrasion, weather and chemical resistant (see chart below).

Walksafe has excellent adhesion to most substrates including concrete, wood, primed metal and fibreglass, and has excellent gloss retention.

TECHNICAL DATA

Binder Type	:	Acrylic / Urethane (twin-pack)		
Drying Time	Surface Dry	:	<2 hours (at 23°C and 50% humidity)	
	Hard Dry	:	<6 hours (at 23°C and 50% humidity)	
Drying Process	:	Solvent evaporation and cross-linking		
Overcoating	:	>6 hours		
Viscosity	:	Base : 100 - 105PP	Catalyst : -	Mix : –
Specific Gravity	:	Base : 1,051	Catalyst : 1,047	Mix : 1,050
Mass Non-Volatile Content (±3%)	:	Base : 64%	Catalyst : 49%	Mix : 61%
Volume Solids (±3%)	:	Base : 58%	Catalyst : 39%	Mix : 44,2%
Mixing Ratio	:	4 : 1		
Gel Time	:	1 hour when mixed at 24°C		
Gloss	:	Satin		
Coverage	:	1 - 2m² /litre		
Dry Film Thickness	:	N/A – heavily textured		
Primers	:	Umeguard SX (metal and concrete), Epicon Clear (concrete)		
Colour Range	:	Grey, Black		
Thin and Clean Equipment with	:	Polyurethane thinners e.g. Unymarine or Adthane thinners		
Pack Sizes	:	1 litre, 5 litre		

Coverage/spreading rate of **Walksafe** depends largely on the condition and porosity of the substrate being painted and manner in which the product is applied.

APPLICATION

Correct surface preparation is essential for good product performance and all surfaces should be prepared as per the standard Dekro Preparation Specifications. Copies of these are available on request from Dekro Paints or can be downloaded from our website –www.dekro.co.za.

Do not apply when ambient temperatures are <4°C or >40°C.

After correct surface preparation, prime with the required primer, then stir thoroughly and apply a minimum of 2 coats of **Walksafe** by stipple roller, brush, airless spray or stone chip gun at the specified spread rate.

Most uniform finish achieved by spray application.

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APPLICATION (continued)

Can be overcoated with Unymarine if other colours are required – standard finish will be a gloss.
Allow to dry between coats as per technical data.

Chemical Resistance Chart 2hr spillage tests at 23°C

	Surface Changes		Surface Changes
Fresh water	None	Petrol	None
Sea water	None	Diesel	None
Nitric acid (10%)	None	Motor oil	None
Acetic acid (10%)	None	White Spirits	None
Acetic acid (conc)	Softening	Xylene	None
Sulphuric acid (50%)	None	Toluene	None
Caustic soda (20%)	None	MEK	Softening
Bleach	None	MIBK	Softening
Dish Liquid (detergent)	None	MEG	None
Handy Andy	None	Alcohol (Isopropanol)	None
Brake Fluid	None		

SURFACE PREPARATION AND PRIMING

Cement Surfaces

New floors should be allowed to dry for 4 to 5 weeks. Smooth floors should be acid etched with a 10% Hydrochloric Acid solution then rinsed well with water. Grease should be removed with a degreaser such as Dekro Wunda Clean and then rinsed with water. It is essential that the floor is clean, dry and suitably etched.

Prime with one coat of Epicon Epoxy coating, thinned 20% with Epicon Thinners. Apply at approximately 10m²/litre then allow to dry for 8 hours minimum and 72 hours maximum (at 23°C) before overcoating with **Walksafe**.

Ferrous Metal

Remove rust, millscale, grease and any contaminants. The surface should be clean and dry. For the longest life sandblasting is the best method of preparation.

Prime with Umeguard SX.

Galvanised Iron & Aluminium

Wash galvanised iron with Metal Clean until a water-break-free surface is obtained.

Wipe down aluminium surfaces with Epoxy Thinners.

Prime with Umeguard SX.

Wood

Sand down all imperfections. The surface must be clean and dry. Apply **Walksafe** directly.

Fibreglass

Abrade surface with approximately 220 grit sandpaper. Wash down with detergent and rinse clean. Prime with one coat of Hydrolock Primer.

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Previously painted

Contact a Dekro Sales Representative for guidance.

SAFETY INSTRUCTIONS

Always keep out of reach of children and animals.

Wear a suitable dust mask and goggles when preparing surfaces.

Ensure good ventilation during application and drying.

If accidental contact with skin, wash immediately with soap and water or a recognised skin cleaner.

If accidental contact with eyes, rinse immediately with plenty of water and seek medical advice.

Harmful if swallowed. Seek medical attention and do not induce vomiting.

GENERAL

Different surfaces and environmental conditions require specific painting systems to produce the best possible results.

It is therefore recommended that you contact a Dekro Sales representative for advice on all your painting requirements whenever possible.

PREVENTING PROBLEMS AND GENERAL INFORMATION

IMPORTANT: Walls (cement plaster, concrete or masonry) must be dry before painting and should not exceed a moisture content of 10% as measured with a Protimeter Surveymaster Moisture Meter or equal.

The ambient temperature must be between 4°C and 40°C and humidity between 10% and 85%.

Excessive application thickness and/or rapid drying could lead to mud cracking.

Avoid applying under adverse weather conditions as this could result in poor product performance.

Suitable primers must be used where applicable.

Work from corner to corner, or from a natural cut off point to another.

Do not attempt touch ups, but redo complete panels.

Always keep a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture.

To ensure consistent appearance ensure that the batch numbers on all containers used are the same.

Where batch numbers on containers differ, intermix containers before use.

CLEANING, STORAGE AND DISPOSAL

Remove as much paint as possible from application equipment and wash immediately after use with water.

Close containers tightly after use and store in a cool well-ventilated area.

Do not empty contents or wash water into drains or water courses.

When disposing please follow local authorities regulations and recycle the container after use.



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The technical data furnished is given to the best of our knowledge based on controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven product fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.

