



LIQUID PLASTIC

PURE ACRYLIC RUBBERISED
WATERPROOFING & COATING



LIQUID PLASTIC A PURE ACRYLIC WATERPROOFING POLYMER, MODIFIED WITH LATEX THAT ALLOWS EXTREME FLEXIBILITY, UV STABILITY AND ADHESION. FOR WATERPROOFING AND COATING PITCHED AND FLAT ROOFS, ROOFING DETAILS AND PARAPET WALLS. 350% STRETCH. **LIQUID PLASTIC** HAS A 12 YEAR GUARANTEE. FOR MORE INFORMATION, PLEASE REFER TO THE TERMS AND CONDITIONS - WWW.FLASHHARRY.CO.ZA.



APPLICATIONS

For waterproofing & coating pitched & flat roofs, flashings, lap joints, ridges, valleys, skylights, chimneys, roof screws & parapet walls.



PITCHED ROOFS -
TILED, SLATE, IRON
& TIMBER



FOR WATERPROOFING
AROUND CHIMNEYS
AND SKYLIGHTS



PARAPET WALLS,
CAPPINGS, FLASHINGS &
SMALL FLAT ROOFS (< 20M²)



FLASHINGS, LAP
JOINTS, ROOF SCREW
HOLES





PRIMING

- **Priming** - If applying to new untreated galvanized iron, the surface should be treated with an acid degreasing primer or **Flash Harry Frogskin Galvanised Iron Cleaner**.
- **Rusted surfaces** should be brushed down removing all loose material & treated with a rust converter.
- **Bright steel surfaces** should be treated with **Flash Harry Rust Stop Primer**.
- Porous surfaces should be primed with **Flash Harry Plaster Pal acrylic bonding liquid** or a 50% diluted coat of **Liquid Plastic**. On Fibre Board applications use with **Flash Harry Bitucryl Primer**.
- **Previously Painted Surfaces - Liquid Plastic** can be applied onto dry, sound, clean & well adhered acrylic roof coatings.



IMPORTANT NOTES

- **Used for Waterproofing applications** – Always use **Flash Harry Liquid Plastic** in conjunction with a waterproofing membrane. As with any liquid and membrane system, the first saturation coats is critical. Applying many coats on top of the membrane does not yield proper results. Coverage - 5L = 2,5m² or 2 to 2,5 Litres per m², complete system.
- **Gaps and cracks** - Do not attempt to waterproof over large gaps (5mm+) fill with appropriate material i.e. Concrete or Polyurethane foam. For large gaps between parapets & the roof surface, tightly rolled damp newspaper offers a good base to enable thorough saturation from underneath.
- **Used for Coating applications** – **Flash Harry Liquid Plastic** encapsulates the surface by forming a high-build protective coating with **EXTREME FLEXIBILITY & UV RESISTANCE**. Coverage – 3m² per Litre per coat (depending on surface).
- Not recommended for under tiles or areas of permanent ponding.
- Not recommended for lightweight screed applications.
- Not recommended for Slate roof applications.
- Not recommended to overcoat existing bitumen systems.
- Do not apply if rain is imminent.
- Application Temperature: Do not apply on surfaces less than 5°C or more than 35°C.
- Curing time depends on the humidity and air temperatures.
- Use water to clean hands and tools.



MAINTENANCE

It is advisable to overcoat the waterproofing system every 5 years.





WATERPROOFING APPLICATION

STEP 1

PREPARATION

Ensure all surfaces are dry and thoroughly cleaned, removing all dust, dirt, grime and any other soiling agents. On parapets and painted roofs, a wire brush should be used to remove all loose or peeling paint until a sound surface is achieved.

STEP 2

STIR WELL

1st coat, using a stiff brush, apply a generous layer of Liquid Plastic at a rate of 1L/m².

STEP 3

Using a stiff brush, immediately press membrane into the wet **Liquid Plastic** ensuring full saturation, from underneath and avoiding bubbles and wrinkles. **This 1st saturation coat is critical.**

TIP - Pre-soaking sections of the membrane by dipping them into the bucket of compound is the best way of achieving the full saturation.

Allow 75mm membrane overlaps.

STEP 4/5

2nd coat, apply a generous layer of **Liquid Plastic** at a rate of 1L/m² ensuring that the membrane weave is fully covered.

Allow 20 min drying time.

Apply finishing coat at a rate of 0,5L/m².



COATING APPLICATION

Apply a minimum of 2 coats by means of brush, roller or airless spray.

Alternate coats at right angles to each other.



PACKAGING AND COLOURS

LIQUID PLASTIC is available in 1L, 5L and 20L containers and in a range of 8 different colours.



PHYSICAL PROPERTIES

Colour:	Black, Brown, Charcoal, Grey, Red, Terracotta, Green and White.
Application:	Brush, roller and spray.
Coverage:	2.0L/m ² – 2.5L/m ² (depending on surface porosity)
Total Solids:	± 60%
Specific Gravity:	± 1.2
Viscosity:	120 - 130 Krebs Units at 25°C
Drying Time:	(Between Coats) Minimum 30 minutes at 25°C at 65% R.H. (Last Coat) 6-8 hours before resistant to rain. Full cure 24-48 hours at 25°C at 65% R.H.
Cleaning:	Water when wet. Ethyl acetate when dry.
Flammability:	Non-Flammable.
Pack Size:	1L, 5L and 20L



HEALTH AND SAFETY

- Avoid contact with skin or eyes.
- Keep out of reach of children.
- If accidentally swallowed, seek medical advice immediately.
- To avoid the risk of spillage, always store and transport containers in a secure upright position.
- Refer to Material Safety Data Sheet for additional information.



STANDARD DISCLAIMER

The recommendations contained herein are given in good faith and meant to guide the specifier or user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond **STT Sales (PTY) LTD** control.

Important Note; It is the responsibility of the user to ensure that the latest TDS is being used for reference. **FLASH HARRY** Data Sheets are available on our website www.flashharry.co.za or Email info@darachem.co.za.

Updated February 2023 (This supersedes all previous publications).

