

Superflex flexible PVC Paint User Guide

The use and application of Flexible Paint to PVC Dinghies, RIBs and Inflatable Boats,



Polymarine have formulated a specialist PVC paint called Superflex for the renovation of inflatable boats made from PVC and any other PVC variant material.

Superflex adheres in a super strong flexible bond, becoming part of the surface withstanding weathering, abrasions and retaining colours and bright whites for many years. It has a super high stretch ratio that will not crack or flake off. Superflex's coating properties are highly opaque, easy to apply and quick drying. Application is one coat for good surface adhesion and a second coat for a smooth satin appearance and improved, lasting durability to UV and the elements.



The Unique Properties of Superflex Paint

- A fully flexible paint formulated for renovating PVC and any other PVC variant fabric
- Bonds into the PVC surface for a super tough and flexible finish
- Smooth satin finish, will not crack or flake off
- No mixing required, just a vigorous shake
- Seawater and UV sunlight resistant
- Many uses including hatch covers, PVC fenders, boat covers, spray dodgers etc.
- Supplied in 500ml containers

- 1 x 500ml Tin is enough to apply two coats of paint on 2 to 3 square metres.
- 'Touch-Dry' in 15 minutes at 20°C
- Second Coat can be applied when 'Firm-Dry' after a minimum 1 hour.
- 'Hard-Dry' is achieved after 24 hours or a minimum of 8 hours at 20°C.

PVC Painting Guide for Best Results

MATERIALS NEEDED



- SUPERFLEX paint

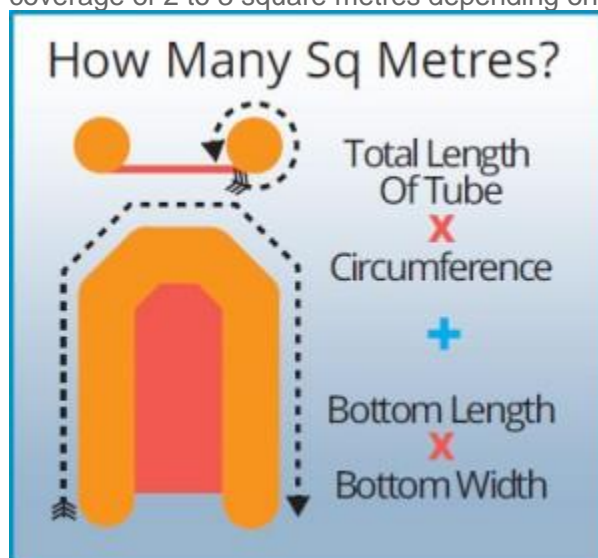
- 2903 PVC primer and cleaner
- or Superflex 2661 Thinners
- Good Quality Paint brush
- Lint free cloth
- Paint Kettle
- Protective Gloves
- Masking tape

IMPORTANT:

Before preparing and painting please note:- your workplace needs to be well ventilated, dry and comfortably warm ideally 10 to 20°C. Damp and High humidity may cause blooming. Do not use a gas fire or naked flame heat source as the paints and solvents are highly flammable.

1 COVERAGE

2 to 3 square metres per 500ml Tin of Polymarine Superflex. One Tin will cover up to 10 square metres in one coat. For best results apply two coats which gives an average coverage of 2 to 3 square metres depending on surface condition and application.



2 MAKE GOOD

It is recommended to repair and reattach components or patches that may be coming

lose prior to painting. Use a hot air gun to soften old glue. Wipe away with 2903 solvent.



3 SURFACE PREPARATION:

The surface to be painted should be checked for any rough imperfections which can be remedied and cleaned.

4 CLEANING

The inflatable tubes must be cleaned of dirt, oxidation & grease by using Polymarine Inflatable Boat Cleaner and then thoroughly rinsed and dried.



5 SOLVENT PRIMER CLEANER

When the entire surface is clean a final preparation of the surface is made with Polymarine P510 Hypalon Solvent Cleaner applied with a clean dry lint free cloth, paying particular attention to seam joints, nooks and crannies. The P510 will quickly dry and flash off ready for painting. (NOTE: 2661 Superflex-Thinners can also be used to clean

and prime).



6 MASKING

Masking areas can be done by using standard Low Tack Masking Tape ensuring it's firmly aligned at the leading edge. When painting to the mask with a brush, don't use a freshly loaded brush, wait until it's semi depleted (less paint) and always paint along and away from the leading edge, not into it, to help avoid bleed under. If masking a freshly painted surface, ensure paint is 'Firm Dry' and tape is low tack masking.



7 APPLICATION

Shake the Paint Tin vigorously prior to application. Add the approximate amount of paint you intend to use in one session to a paint kettle or similar container. Stir the container of paint every few minutes.

BY BRUSH (recommended)

It is recommended that Superflex be applied using a good Brush with Natural Bristles. Synthetic Bristles may dissolve due to the solvents present within Superflex.

ROLLERS (not recommended)

Use of Gloss Paint Rollers is not recommended as they're usually synthetic and prone to breaking down due to solvents, thus spoiling your final finish.

SPRAY PAINTING – Professional use only with appropriate breathing apparatus

Spraying can be done using the Polymarine Superflex 2661 Thinners, at a mix ratio of 1 Base to a maximum of 30% Thinners. Two spray coats should be applied as a minimum. Refer to SDS for cautionary and safety procedures.

CUTTING IN

First, 'cut in' around edges of all seams, patches and up to the leading edge of masking

tape.



FLAT AREAS

Then apply to flat areas in light, even strokes using low build for maximum flexibility (avoid thick coats).

SECOND COAT

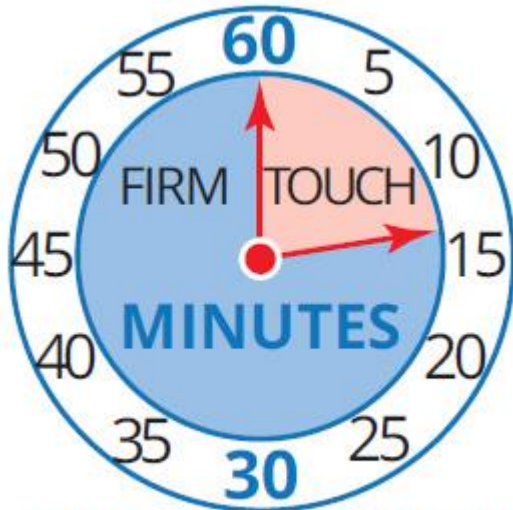
This is easiest to apply when at least 'Firm Dry'. Note; Apply the second coat with a full brush, do not over work otherwise the second coat will re-dissolve the first coat.



8 DRYING TIME

Superflex becomes 'Touch Dry' after approximately 5 to 15 minutes at 20°C and 'Firm Dry' after 1 Hour minimum. Once the paint surface becomes 'Firm Dry', the second coat

can be applied. A 'Full Dry Finish' will be achieved after 24 hours drying time.



FULL DRY 24 HOURS

9 FINISH & PRESERVATION

Once fully dried, the Superflex painted surface will have a Satin Finish that is highly elastomeric with an extreme stretch ratio that will not crack or flake off. It is resistant to wear, scratching and abrasion and will last many seasons.

To help maintain the new finish and to further resist the effects of UV, a regular coat of Polymarine 'Inflatable Boat Finish' is recommended to be applied each time you clean your inflatable.

