

QUICK START BASICS

For most small boat renovations you don't need to hire a costly marine fitter because Comcork marine decking sheets are easy to install by a competent handyman.

Comcork sheets are easy to cut with a box cutter knife, or for smoother curves use a pair of heavy-duty scissors and we can supply the recommended adhesive.

YOU WILL NEED

- Comcork decking sheets
- Mapei adhesive
- Box cutter knife and/or heavy-duty scissors
- Electric Drill stirrer/mixer attachment (optional)
- Approx. 1mm V-notch spreader/applicator
- White spirit, and degreaser fluid (if required)
- Tarps or cardboard to shade finished job
- Sandwiches and tea (no beer until job done)

BASIC STEPS (read more detail later)

1. Clean and degrease the deck.
2. Measure and cut decking (before applying adhesive), mark out areas on the deck with a builder's pencil or similar.
3. Apply adhesive to deck to just beyond the marked areas.
4. Roll the Comcork onto the **wet** adhesive and smooth out from centre to remove entrapped air.
5. Remove any excess adhesive immediately with White Spirit
6. Shade from direct sun with tarp/cardboard for 6 hours
7. Check periodically for air pockets or excess adhesive.

INSTALLATION TIPS WORKING WITH MAPEI ADHESIVE

Mapei G19 is the ***manufacturer's recommended adhesive*** for Comcork Aquadeck, CLP, Sports/Textured sheets.

It is highly resistant to salt water ingress, petrol, and diesel and will form a super strong mechanical bond with all types of decks be they fibreglass, aluminium, steel, or timber. You can order from our website.

THIS IS AN OVERVIEW

Full manufacturer's installation instructions and adhesive instructions are available on our website

1 - QUANTITY REQUIRED

The amount of adhesive required will vary dependent on the smoothness and absorbency of the deck, if laying over a stippled fibreglass for example then more adhesive will be used to fill the spaces between the stipples. Generally a 5kg tub will cover 5m² to 8m².

If you are unsure about the exact quantity of adhesive then we offer a ***30 day refund on any unused, unopened adhesive**** (*refer conditions on the Mapei adhesive description in 'Place Order')

2 - WORKING TEMPERATURES

Ideally install under shade (or apply shade to deck with tarps etc) in ambient temperatures of between 15 -25 degrees Celcius.

In very hot conditions it is best to prepare, cut and layout cut pieces the night before and start the adhesion early next morning before temperatures exceed this optimal range. If fitting in an outside location, avoid installation in extremes of temperature.

Refer to further notes about working in cold temperatures below.

3 - ACCLIMATISATION

Unroll and lay out your uncut Comcork sheets for several hours on the deck, or nearby, to unfurl them completely and to acclimatise both the deck and the sheets to the same ambient temperature.

For example, do not remove sheets from a hot vehicle and then try to install on a cool deck, similarly do not apply cool sheets to a hot deck.

4 - POT LIFE

Have all your floor preparation complete and flooring pieces cut to size and ready before mixing adhesive. Your adhesive will be useable for about 40-60 mins once opened and mixed depending on ambient temperature. All surfaces shall be clean, dry, non-oily/greasy and in sound condition.

5- MIXING

Mapei G19 is a 2-pack adhesive, *very important* to mix thoroughly, preferably with an electric drill stirrer, and do not alter ratios of parts A + B. It is not recommended that you try to mix a smaller quantity other than the complete tub. The supplied ratios of 94% to 6% are critical to the effectiveness of the adhesive.

6 - SPREADING

For relatively smooth surfaces you will apply adhesive to the floor only and require a ~1mm V-notch spreader for the adhesive, available from hardware stores. For rough surfaces apply to both surfaces or use a ~2mm V-notch applicator.

7 - CLEANING UP

Use White Spirit to clean off all residue adhesive immediately, once set adhesive is only removable mechanically and will dry yellow/brown.

Ensure full area of surface is glued to prevent air bubbles occurring in the summer sun

7 - SHADING, CURING TIME

If outdoors, shade from direct sun with tarp/cardboard for approx 6 hours**.

Periodically check for trapped air bubbles.

Generally after 12 hours the deck is ready for light foot traffic and total cure and bonding is approximately 3 days.

8. MAINTENANCE

Do not apply any surface sealers to these products as the sealers will degrade with UV and adversely affect slip resistance when wet.

Cleaning boat decks is simply by using a hose or soft brush with plain water or a mild neutral detergent.

Do not use abrasive or strong chemical cleaners.

N.B WORKING IN LOW TEMPERATURES

Nighttime temperatures in Australia can regularly approach freezing point or below and working in these temperatures can be troublesome.

It is important to note that the Mapei adhesive should not be applied when ambient temperatures are likely to fall below 10°C at any time during the application process, for the following reasons.

**In very cool temperatures, especially on a cold metal boat deck, the *partial curing time for Mapei can be as long as 24*

hours which means that the Comcork (being a natural product) will tend to contract in size (as temperatures cool) before the adhesive has taken hold. This can result in curling of corners and opening up of seams creating gaps between sheets. If it is absolutely necessary to install in very cool temperatures then the use of batons and/or sandbags to hold down edges and corners until the adhesive has taken hold can help mitigate the curling of corners but cannot totally alleviate shrinkage. Shrinkage can be reduced by acclimatising both Comcork and deck/substrate to the same temperature. This can be achieved by unboxing and unrolling the sheets and laying them flat on the deck/substrate for couple hours prior to installation (shaded from direct sunlight).

