

Installation Recommendations for FLOORSIL®

METZELER 
Aircraft Flooring Systems

 **CooperStandard**
PERFORMANCE PRODUCTS

SURFACE PREPARATION

Compatibility: Paints, lacquers, plastics and any other coatings must be compatible to the sealant/adhesive.

Cleaning: Clean all joints/substrates, remove all contaminants such as mould-release agents, preserving agents, grease, oil, dust, water, frost, surface dirt, old sealants/adhesives and other substances which can affect adhesion. The joint edges/substrates must be firm.

Cleaners for non-porous substrates: They should be cleaned methylated spirit or other cleaners on an acetone or isopropanol basis and a clean, lint-free, cotton cloth.

ADHESION AND PRIMING

Floorsil products are high-performance and highly specialized products which exhibit an excellent primerless adhesion to numerous substrates. For PVC, PUR, Duroflex, Durofloor and similar materials please use FLOORSIL 1217.

APPLICATION SEALANT

Avoid direct contact between sealant and plasticizer emitting products: Direct contact between sealant and the following plasticizer emitting products should be avoided because these products might cause yellowing of light-coloured silicone sealants: e.g. butyl rubber; ethylenepropylene-dienemonomerpolymer (EPDM), neoprene, bitumious and products.

Sealant to be applied after the primer has dried up for at least 15 minutes. The distance between the sheets has to be approx. 1/10 in. The sheet surface has to be protected with a thin adhesive-tape, installed approx. 1/10 in. from the edge.

Avoid air entrapment: The joint must be completely filled to avoid air entrapment in order to make the joint leak-proof.

Tooling / smoothing: The sealant must be smoothly tooled before the skin formation in order to ensure integral contact with joint flanks.

Masking tapes: Masking tapes must be removed immediately after tooling

Steam jet apparatus: Using a steam jet apparatus the distance between the joint and the steam nozzle has to be at least 50 cm.

When using the sealed objects for the first time: Floorsil® 2 must have cured completely before the sealant object is exposed to mechanical or chemical stress for the first time. Floorsil® 2 should have cured at least 24 to 48 hours at room temperature.

SAFETY PRECAUTIONS DURING PROCESSING, FIRST-AID, DISPOSAL

See Material Safety Data Sheet and Technical Data Sheet

ADDITIONAL INFORMATION ABOUT FLOORSIL®

- FLOORSIL® is surface-dry in approx. 15 min. and fully useable in approx. 4 hours.
- FLOORSIL® is available in the same colours as AIRFLOOR and AIRFLEX®
- FLOORSIL® is made of the same silicon-based product as AIRFLOOR®/AIRFLEX®. This guarantees an **intensive, stable and absolutely waterproof connection**.
- FLOORSIL® expires after one year following production date.

Prepared: Bormuth	Date of first Issue: 16.12.2003	Released: G. Cluett: 16.12.2003	Issue: Issue 4	Date: 25.09.2012	Changed / Date: Möller / 03.12.2012	Print Date: 26.03.13
----------------------	------------------------------------	------------------------------------	-------------------	---------------------	--	-------------------------