

FLOORTHANE

Non Yellowing Polyurethane Clear

AFTEK Floorthane is a non-yellowing single pack polyurethane, which cures by reaction with moisture in the air to an extremely tough and durable film. It is suitable for use on interior cork, timber and masonry surfaces where the finished coating provides a chemical resistant, long wearing, floor treatment suitable for use in traffic areas.

AFTEK Floorthane contains a high level of ultraviolet absorber which enables it to protect substrates from discolouration caused by sunlight. It can be used either as the entire finish system or as a protective glaze coat over conventional polyurethane and epoxy flooring systems.

Typical Uses

May be used as supplied as a varnish, or protective glaze-coat for trafficable areas. It is used over most surfaces including timber and epoxy systems as an abrasion resistance finish, and to prevent yellowing. It can be used both interior and exterior situations.

Internal coloured cork and timber floors subject to direct sunlight through windows and glass doors. Internal and external timber surfaces on trailer boats, where regular maintenance is possible.

Non-yellowing, chemical resistant, clear sealer for concrete and seamless coloured flake flooring systems.

Typical Properties

- Non-volatile content 40%
- Viscosity, Gardner-Holdt A-D
- Colour, Gardner 1
- Specific Gravity 0.98
- Available NCO (solution) 3%
- Solvent Xylene / PGMA

Application

Ensure all surfaces are sound and free of all foreign matter and that concrete is free of all laitance prior to coating.

Apply **AFTEK Floorthane** direct from the container using a brush, roller or lambswool pad. As **AFTEK Floorthane** is somewhat self levelling and tends to dry rapidly, it is best applied quickly and liberally and allowed to flow out to a smooth surface.

Floorthane as a Total System

Internal coloured cork tiles and timber require a minimum of two (2) coats. Allow 6 hours minimum and 18 hours maximum between coats under normal curing conditions. **AFTEK Floorthane** is not recommended as a finishing system on external timber, except on small marine craft where regular maintenance is acceptable. We recommend a small-area trial of at least two (2) coats **AFTEK Floorthane** be applied to ensure compatibility with the material to be coated.

On concrete surfaces 1 or 2 coats are sufficient to provide a chemical and solvent resistant, dust free surface.

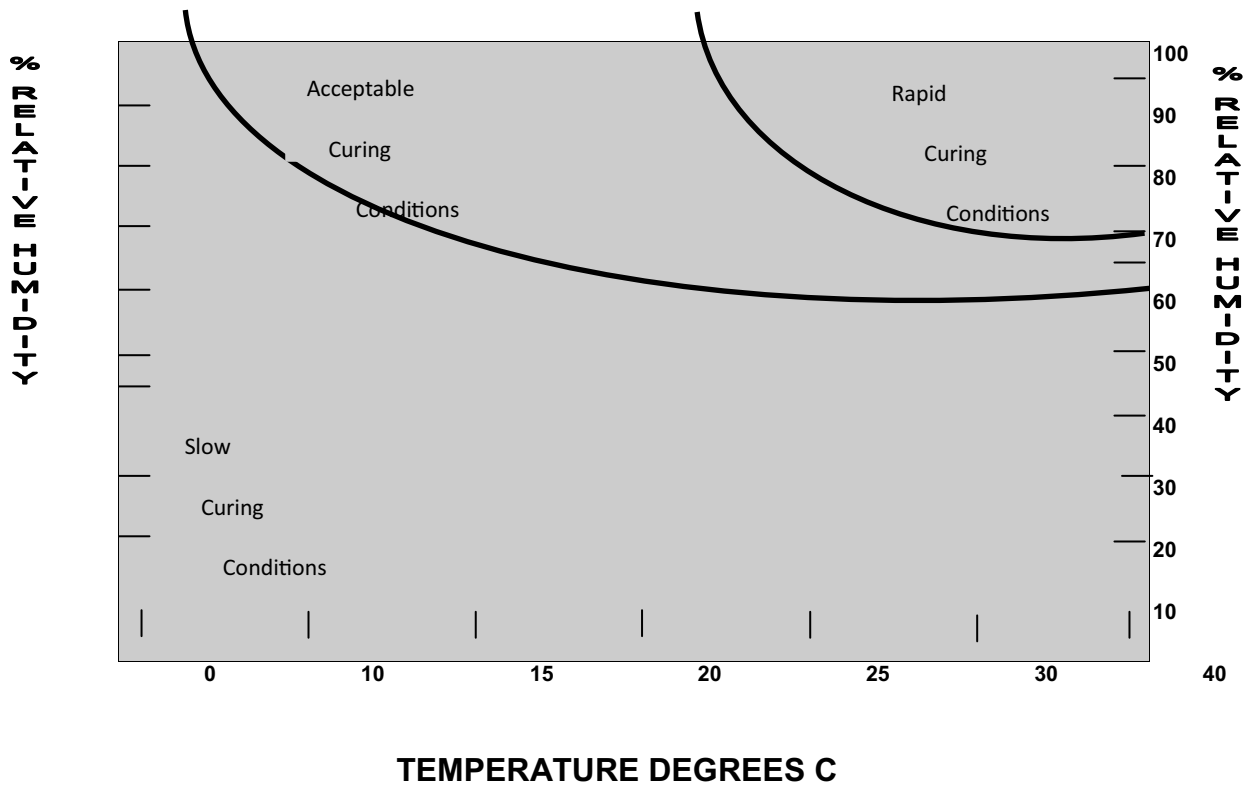
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Drying/Recoat

AFTEK Floorthane cures by reacting with moisture in the atmosphere. The following graph shows curing conditions in relation to Temperature and Relative Humidity.

TEMPERATURE/RELATIVE HUMIDITY GRAPH

AFTEK FLOORTHANE



Acceptable curing conditions allow recoating in approximately 6 hours. After 6 hours have elapsed, then the AFTEK Floorthane should be lightly, but, thoroughly sanded to ensure intercoat adhesion.

In all cases check that the previous coat of AFTEK Floorthane has sufficiently cured before recoating, otherwise flaking or lifting of the coating may occur.

AFTEK Floorthane
wear or vehicle traffic for 3 days.

Coverage
8 - 10 m² per Litre per Coat.

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Precautions

Good stock rotation procedures will ensure the 'use by' date is adhered to.

Pour out only sufficient **AFTEK Floorthane** for immediate use into a clean dry container, as it will prematurely gel if exposed for too long to the air. Do not return unused **AFTEK Floorthane** to the container. Reseal containers tightly immediately. Clean material from spout thread before resealing and avoid prolonged storage of part-filled cans.

We recommend a small-area trial of at least two coats of **AFTEK Floorthane** be applied to ensure compatibility with the material to be coated.

Clean Up

Use only **Solvent** . After cleaning, wash applicators in a final rinse of methylated spirits.

Safety Directions

AFTEK Floorthane vapours are flammable. Do not smoke or use exposed naked flames while using **AFTEK Floorthane**.

Keep away from naked lights. Remove all non-canned food items from area if adequate ventilation is not possible during application.

When applying **AFTEK Floorthane** ensure area is well ventilated. It is recommended that operators wear full face mask with both organic solvent and particulate matter filters (such as a Sundstrom, Riva Mask 11-00609 with A2-218 Carbon Mask and 210-310 particulate filter or equivalent). Ensure air conditioning does not spread fumes throughout the building. Operators should also wear suitable protective clothing and PVC or rubber gloves. We recommend that the product Material Safety Data Sheet be read prior to using the product.



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The information and any recommendations relating to the application and end -use of all IAFTEK products are provided in good faith based on AFTEK's knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by AFTEK. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions.