

Product Information:

Linseed Oil 683

High Quality Putty based on linseed oil

General description & application:

Linseed Oil 683 is a high quality linseed oil putty, produced from pure linseed oil and selected chalks.

Used for puttying of windows, repairing of rabbets and for filling of primed wood, indoor and outdoor. Also suitable for filling of nail holes.

Linseed Oil 683 has a high and protective adhesion to glass and wood. The putty is tixotropic and easy to apply.



Physical / chemical data:

Uncured putty:

Type: Putty based on linseed oil.
 Specific gravity: Approx. 2,1 kg/litre.
 Shelf life: 24 months if stored cool, but free of frost. After opening the putty must be thoroughly covered.

Packaging:

Item no	Size	Colour
68305	5 kg	Natural
68310	10 kg	
68320	20 kg	
68355	5 kg	Black

Cured putty:

Paintable: Yes
 Resistance: Resistant to temperatures from -35 °C to +90 °C.



Directions for use:

Preparation:

The surfaces must be clean and dry before application of the putty. Porous surfaces like wood, must be primed, so that the oil in the putty does not penetrate into the wood. If the oil in the putty penetrates into the wood in high degree, the putty may become dry and hard and can crack.

The wood shall however not be primed more than the putty can get a grip in the surface of the wood. Shellac and acrylate primers shall not be used.

Oil based primers possibly containing mineral spirit or other solvents must be completely dry and evaporated. Remaining solvents can create bubbles in the surface of the putty underneath the paint.

Application temperature:

Can be applied at temperatures from 5 °C to 40 °C. The minimum temperature of the day must not be below 5 °C during curing.

Application:

Linseed Oil 683 shall be homogenized before usage. Free oil film on the top must be incorporated into the putty. The putty is applied with a putty knife. If used indoor, it is important to assure sufficient ventilation around the putty (windows must be placed above floor level and in suitable mutual distance). This shall assure that a thick enough skin is formed which can support the painting process.

When used outdoor, it must be assured that the putty is not exposed to heavy rain before skin formation. If possible, it should be used in dry weather conditions, but never in direct sun light.

Curing:

The putty forms a skin typically after 2-4 weeks. The putty shall be protected against further curing by painting it over.

Paint:

Linseed Oil 683 must be painted. Using pure linseed oil paint, it is possible to paint the putty – carefully – immediately after puttying. Using alkyd oil paints, acrylic paints etc, the putty should be painted as soon as it has dried up sufficiently on the surface to withstand the pressure from the brush and paint so the putty surface does not become deformed and wrinkled. If the putty stands without paint for a too long period, it may develop cracks on the surface from too severe drying. Sufficient drying time is typically 2 – 4 weeks but can vary according to weather conditions.

It is recommended to paint 1 – 2 mm onto the glass. The paint shall protect the putty against sun and rain and further drying. Therefore it is recommended to use a paint with high water resistance properties

The putty surface:

The putty shall be protected from outer effects. However, many factors can disturb the surface both before and after painting. Linseedoil putty can have a smooth surface but can in many situations get a wrinkled surface. Wrinkles come because the linseed oil cures and makes a skin which is fragile even to the smallest disturbances. A putty with wrinkles is not a sign of a failure in the putty but is a phenomenon which can come from moving the window frames, mounting, wind, finger marks or even just changes in humidity and temperature between in and out door. Wrinkles can occur in sections or on the entire surface.

Cleaning:

Uncured putty can be cleaned with paper or dissolved with white spirit.

For more information, please refer to the brochure »**Puttying and maintenance of single glass windows**«. - [http://www.vipo.dk/pictures org/Glas_Vindue.pdf](http://www.vipo.dk/pictures/org/Glas_Vindue.pdf)

Safety:

For further information on safety, refer to product safety data sheet.

The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.

DANA LIM A/S - KØBENHAVNSVEJ 220 - DK-4600 KØGE – DANMARK – INFO@DANALIM.DK

PH. (+45) 56 64 00 70 - TECHNICAL SERVICE PH. (+45) 56 64 00 75