

**Product Information:**

# Window Putty 685

**Neutral, phthalate free, for puttying and repair**

**General description & application:**

*Window Putty 685 is a fast curing weather resistant putty with minimal shrinkage.*

*Is suitable for mounting and repairing windows. Adheres to wood, glass, paints, pvc, galvanized iron and other surfaces.*

*Window Putty 685 cures by moisture from the air to an elastic material. The putty can be painted with most water-based paints and some alkyd paints. The putty is UV-protected.*

*The product is registered in the database for construction products which can be included in the Nordic Ecolabelled construction.*



**Physical / chemical properties:**

**Uncured Putty:**

Type: *Moisture curing, neutral Silane Modified Polymer (SMP), 1-component*  
 Specific gravity: *approx. 1,4 kg/l*  
 Shelf life: *12 months in unopened packaging if stored cool and dry.*  
 Packaging:

Item no.	Size	Colour
685290	290 ml cartridge	White
685294	290 ml cartridge	Brown
68562	600 ml foilbag	White

**Cured putty:**

Paintable: *Yes. Test must be done.*  
 Shrinkage: *2 - 5%*  
 Hardness: *43 - 53 Shore A*  
 Durability: *UV-protected. When the putty is exposed to sun and rain, it can fade and colours may therefore chance gloss in time, just like the paint on the window does.*



## Directions for use:

- Preparation:** *The surfaces must be clean and free of dust, grease and oil before application. Humid but not wet surfaces can be allowed. The putty adheres to most painted and unpainted surfaces without the use of a primer. It is recommended to do an adhesion test especially when larger jobs are initiated.*
- Application temperature:** *Minimum +5 °C. When applied in colder temperatures, the putty can have prolonged curing time. A prolonged curing time will increase the risk of exposure to dirt, fingers during handling, chemicals from window cleaning etc. which can harm the putty.*
- Application:** *Window Putty 685 is applied with a sealing gun. Corners are adjusted with a putty knife by pulling in the direction of the corners. Can also be finished with other tools commonly used for sealants.  
Window Putty 685 is not suitable for application in thin (spattered/scraped) layers. It must therefore, be removed from exposed surfaces completely.*
- Tooling:** *Tooling/finishing must be done before skin formation on the surface.*
- Curing time:** *Skin forming in approx. 20 minutes depending on air humidity and temperature.  
Surface dry after 1 – 2 hours at 20 °C and 50% relative air humidity.  
Both temperature and air humidity has influence on the curing time.  
Curing through ca. 2 - 3 mm/day at 20 °C and 50% relative air humidity.*
- Painting:** *Window Putty 685 does not need painting but can be painted approx. one day after application. From experience water-based paints like acrylics and combined acrylics/alkyds work well. Some paints require several coats to cover. Some alkyd paints can also be used. Testing is required in all cases. If the paint is not dry after approx. one week, it should not be used.  
Paint on top of the putty cannot be guaranteed to achieve the same gloss as on the woodwork. Cracks in the paint on top of the putty can occur if the paint is not as elastic as the putty, as the putty is elastic and can absorb any movements in the window.*
- Yellowing:** *The putty can in special situations turn yellow if it is exposed to certain chemicals like for instance turpentine used with linseed oil. Pay special attention to not wrapping the windows too soon after production for instance if they are to be transported or stored.*
- Cleaning:** *Uncured material can be removed with Wipes 915 or turpentine/mineral spirit. Cured putty must be removed mechanically.*

**Further information can be found here:**

[http://www.vipo.dk/pictures\\_org/Glas\\_Vindue.pdf](http://www.vipo.dk/pictures_org/Glas_Vindue.pdf)

## Health and Safety:

*For further information on safety, refer to products safety datasheet.*

*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.*

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