



**Technical Data Sheet:**  
**Raw Linseed Oil**

**Code:**  
**2F40**

**Ref.:** ST2F40  
**Rev.:** 0  
**Date:**  
16/10/2019

**Product Type:**

Impregnating and protective agent.

**Formats:**

Cans 5 - 1 - 0.5 liters

**Product Characteristics:**

Oil obtained by pressing linseed, it has the characteristics of a vegetable oil.  
It is perfectly neutral and, when subjected to bleaching processes, has a light straw color.

**Technical Specifications of the Product:**

| CHARACTERISTIC       | METHOD       | UM                 | VALUE        |
|----------------------|--------------|--------------------|--------------|
| Physical state       |              | Oily, liquid       |              |
| Gardner color        | DIN ISO 4630 | --                 | max. 4       |
| Acidity              | DIN 53402    | mg KOH/g           | max. 1       |
| Index of refraction  | DIN 51423    | n 20 D             | 1.478- 1.483 |
| Saponification index | DIN 53401    | mg KOH/g           | 188- 195     |
| Iodine Number        | DIN 53241    | gI <sub>2</sub> /g | min.175      |
| Viscosity at 20° C   | DIN 53015    | dPa s              | 0.45- 0.50   |
| Density at 20° C     | DIN 51757    | gr/ml              | 0.926- 0.933 |
| Ashes                | DIN 55934    | %                  | max. 0.02    |
| Volatile Materials   | DIN 55934    | %                  | max. 0.1     |
| Unsaponifiable       | DIN 55934    | %                  | max. 1.5     |

**Use / Applications:**

It is used to dilute oil paints in the fine arts, as well as for the protection of Florentine cladding and terracotta, and for the protection and waterproofing of stone cladding, canvas and cement mixtures.  
In contact with air it undergoes a slow phenomenon of oxidation and polymerization.

**How to use:**

Dilute oil paints with the necessary amount of raw linseed oil until it is perfectly brushable (mix thoroughly).  
On terracotta and stone artifacts, etc., apply several coats of raw linseed oil with a brush, depending on porosity. For deeper penetration, it is recommended to slightly dilute the product with white spirit.

**Additional Information:**

It is not recommended for the treatment of indoor flooring, as the possible presence of bacteria and mold could cause rancidity.  
In such cases, a synthetic oil such as Plasto Bianco (Straw Oil) is preferred.

*The above information is provided based on our theoretical and practical knowledge. The company, however, does not assume any liability as the conditions of use and application are not subject to the control of Fidea SpA*