



## Technical data Sheet

REV 00 of 20.10.2012

# SHELLAC FLAKES

Orange, Rubin Red, Garnet Black, Transparent, ABTN  
Lemon

### DESCRIPTION:

Shellac is a resinous natural substance, produced by punctures of the insect Kerria Lacca on oriental trees, as Ficus Religiosa or Ficus Indica. The so secreted resin envelop the insects, assuming their colour and some of their substances. Through a long processing and depuration, brown-golden flakes are obtained. These are then used for the finishing and polishing of furniture and wooden surfaces generally.

A good quality of shellac can be recognized by the light coloured big flakes and from the small quantity of released residual when it is dissolved. It gives the surface a particular shiny effect, dry and velvet at touch; moreover it enlightens the wood grain, giving a nice aesthetic effect.

### CHEMICAL/PHYSICAL CHARACTERISTICS:

<b>Form:</b>	flakes
<b>Colour:</b>	lemon ABTN (waxed version), transparent, orange, rubin red, garnet black (dewaxed versions)
<b>Odour:</b>	odourless
<b>Melting point:</b>	70 - 90 °C
<b>Solubility:</b>	Shellac 99, Shellac 94, methanol, ethanol, isopropanol
<b>Concentration of shellac:</b>	300 gr per liter of solvent

### HOW TO USE:

Once it has been found the right shellac to obtain the desired finishing, dissolve it in Shellac 99, with an initial ratio of 300 gr. per Lt. After 24 hrs, filter the obtained solution and proceed with the application as basecoat on the interested support. For the finishing process it is advisable to reduce the concentration of shellac, adding 200 gr of Shellac 99 every 100 gr of original solution. The obtained product should be more easily applicable. In case of application by tampon, spread on the supports some drops of Bio-Polieröl, to improve the lubrication and the fluency during application. To remove halos use Borma Finishing Spirit.

### STORAGE:

Store in a cool, well ventilated place, keep the container closed when not used. Keep away from heat, flames, sparks and other sources of ignition.

The shelf life of the product is 12 months long from the date of manufacture, in its original package.

### PACKAGING:

The product comes 1 Kg, 5 Kg and 50 Kg packs.



**WARNING:**

Our data sheets are prepared on the basis of average results of our tests. However, our technical advice is given in good faith but without warranty. In fact, different supports, conditions of application systems, dilutions are determinant for the final result and often beyond any control. The user must test the product to see if suitable for his needs. We will ensure the continuity of the chemical - physical characteristics.