

IRSA Products for Stages and Photostudios

Surface protection product: Stage Varnish



Stage varnish, black, ultra matt, non reflective

VOC Guidelines in accordance with (Decopaint- Guideline: 2004/42/II A (i) 600; 500 g/l ≤ 500 g/l).

Surface protection product: Stage Oil



Basic-Colour, black, for stages

Water-based, solvent-free colour primer, the subsequent coat has to be with IRSA Design-Colour Oil.



Z-157.10-31

IRSA Design-Colour Oil, black, for stages

Test certificate/test results of IRSA Design Colour Oil:

Migration behaviour: The extreme values as per EN 71-3 were maintained for all elements.

Spit and sweat resistance: On contact with substances that simulate spit and sweat as per DIN 53160 no leaching of colour pigments was ascertained. The product is authorized under the DIBT Number Z-157.10-31.

The dried coat fulfills the demands of normal flammable building components (Building material Class DIN 4102-B2 and/or class E fl in accord. to DIN EN 13501-1).

It contains natural raw materials, like plant based oils and resins as well as isooaliphatic hydrocarbons and is free of biocides and poisonous substances

Approved by building authorities Dibt-licence: Number Z-157.10-31

VOC-Product identification from 2007: 2004/42/2 A(f)700;700 g/l <700 g/l

Cleaning:



IRSA Aqua Cleaner 5000

The varnished or oiled ultra black matt treated floor should only be cleaned and maintained using a moist (i.e. a very well wrung out cloth – no wetness should be left on the surface), since maintenance products produce a shine (build-up of film) on the surface.

IRSA AQUA CLEANER 5000 is therefore the most suitable product for a quick and hygienic clean of the stage floor. Use IRSA Basic Cleaner G88 to remove stubborn dirt and for a general basic clean.

General Information:

Stage floors need to be protected in such a way that, despite the heat from the spotlights, the floor does not dry out, but maintains its „elasticity“. (the upright annual rings are not broken away due to the heavy weights e.g. due to stage wheels or scenery; when adhesive tape or duct tape is stripped off, it hardly causes any surface chips to be pulled off). Hence the durability of the stage flooring is increased considerably.

The drying times given are based on normal conditions (+20° C and 55 % rel. humidity). High humidity and lower temperatures delay the drying process. Attention should be paid to good ventilation.

In general a test coat should be carried out in advance. Further details can be obtained from our technical data sheets, the product labelling and the full declaration of the afore-mentioned products.

Further detailed information can also be found on www.irsa.de/download (Full declaration, cleaning instructions etc).



www.irsa.de

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[Your professional surface]

Stage Protection

ultra black and ultra matt sealing or oiling

Stage- and Photostudio-Floor Protection

Two convincing systems for the Surface protection of stage- or photo studio flooring: seal or oil



IRSA Stage Varnish, Komische Oper, Berlin

Seal with IRSA Stage Varnish or oil with IRSA Design Colour Oil (Primer with IRSA Basic Colour, watery base):

- ultra matt, non reflective
- solid black covering
- quick and easy to repair

The exact choice of materials and the application of a protection system that exactly meets the needs of a theatre are important requirements for a high quality stage or photo studio floor.

The ultra matt approach of the surface protection system causes the incidence of light to be broken up and hence, to a large extent, avoids a mirroring and/or reflective light.

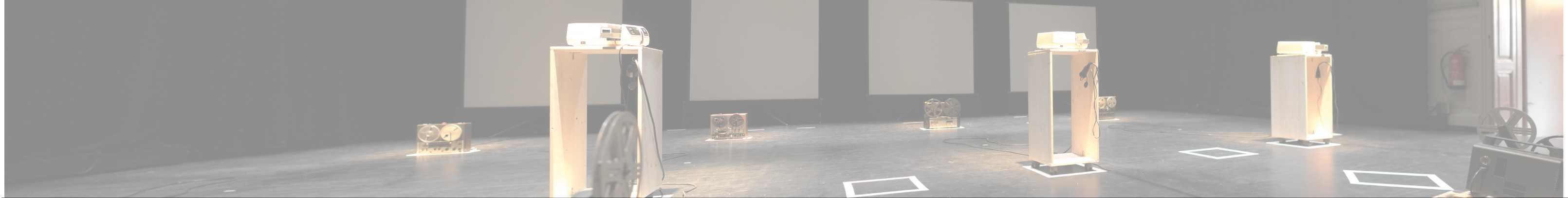
For this reason a surface protections system was found for e.g. the Gürzenich stage (Cologne), Komische Oper (Berlin) or for the Theatre Pumphaus (Münster), that gave absolutely no reflection from the stage lighting, the existing, or the new wooden block flooring, was completely coated in deep black colour and hence the black matt coat on the stage surface can be easily and quickly partially repaired at any time, because this

needs to be done continually due to the extremely heavy wear and tear; not least because no shiny additional protective care film can be added, on the contrary the floor should only be cleaned.

A solution to this problem is offered by the ultra matt, black cover coating IRSA Stage and Photostudio Varnish containing solvents. If a more environmentally friendly solution is sought, then the IRSA products. IRSA Basic Colour black (primer on a water basis) with a subsequent treatment of IRSA Design Colour Oil black (for stages) offer themselves ideally for the job. The black oiled surface however does not appear quite so ultra matt as with the IRSA Stage Varnish.

Important with stage surface protection products is, above all, that the stage flooring is sealed or oiled in such a manner that despite the high temperatures emitted by the stage lighting, the floor does not dry out, but maintains its „elasticity“.

IRSA is your competent partner for water-based varnishes and traditional sealants. Oils, waxes, maintenance products and accessories for wood, parquet and cork floors.



VARNISH OR OIL FOR YOUR STAGE ?

REPAIRABILITY

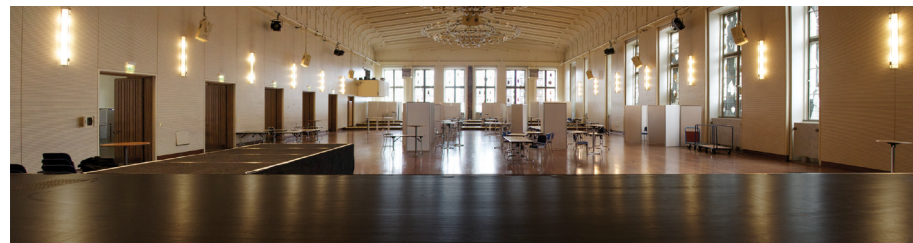
Theatre stages not only suffer heavy wear and tear between events at the hands of the fork lift trucks used to help build-up the scenery, but often, while removing tape or duct tape, part of the surface protection gets pulled off as well. For this reason, it is possible that in many places on the black coloured surface, small areas of more or less blank wood can shine through.

It speaks for itself that despite the repairs necessary on the stage flooring, no time is available between the different events for time consuming sanding work and the long drying times involved for the varnishes or oils.

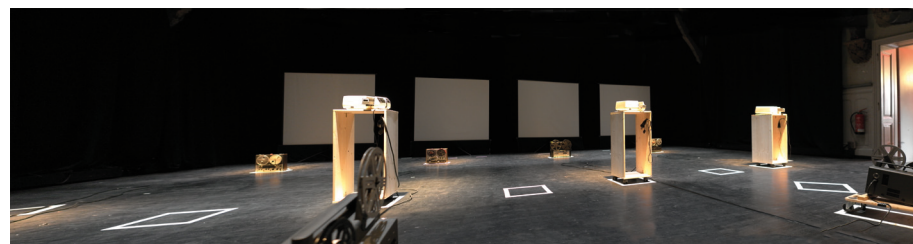
The black matt surface needs to be able to be partially repaired easily and quickly at any time, since the extreme degree of wear and tear can make this necessary.

IRSA offers a thoroughly well-thought out surface protection system for stages and photo studio flooring: Protection using sealants or oils with easy repair possibilities and reliable cleaning.

To market unusual specialties successfully means a successful knowledge and recognition of the customer's needs: ultra matt black stage surface protection agents which are suitable and easy to use for first-time treatment and repair work and which can be reliably cleaned using the complementary cleaning products – that is the IRSA product range, which offers a thoroughly well-thought-out overall system for stages.



IRSA Stage Varnish, Gürzenich, Köln

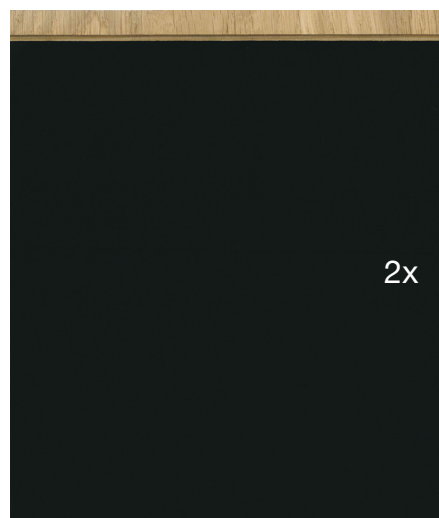


IRSA Stage Varnish, Theatre „Pumpenhaus“, Münster

IRSA Stage Varnish

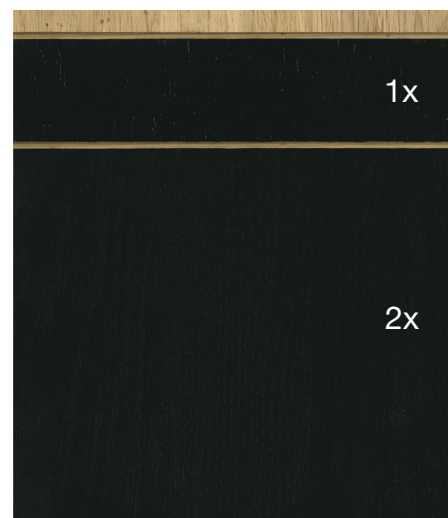
or

IRSA Stage Oil



Ultra matt, black coating, non reflective: apply 2 x 100-130g/m², IRSA Stage Varnish.

The ready-to-use, black coating and ultra matt IRSA Stage Varnish is used as a primer and top coat. Due to the high solids content 2 coats are sufficient. The product contains such a small amount of solvent, that it meets the requirements specified in the VOC Guidelines (Decopaint-Guideline: 2004/42/II A (i) 600; 500 g/l ≤ 500 g/l).



Matt, black coating, non-reflective: apply 1 x 160g/m² IRSA Basic-Colour and after 12 hrs. 1 x (up to 75 g/m²) IRSA Design Colour Oil, black onto the stage surface and polish both in. Test certificate/Test results for IRSA Design Colour Oil, see overleaf.

IRSA Stage Varnish, before and/or after the repair

quick repair: without any initial sanding the damaged areas which were varnished with IRSA Stage Varnish are dabbed or painted over using a brush. The repair coat is dry to the touch after approx. 4 hrs and can be walked on again.



before



after

IRSA Stage Oil, before and/or repair

quick repair: without any interim sanding the damaged areas of the oiled stage floor are dabbed and/or painted over using a brush. The repair coat is dry to the touch after approx. 4 hrs. and can be walked on again.



before



after

The drying times given are based on normal conditions (+20° C and 55 % rel. humidity). High humidity and/or low temperature, as well as an increased use of product, delay the drying. Attention should be paid to good ventilation (however, no draughts).