Technical Data Sheet

Peter Kwasny GmbH, Heilbronner Str. 96
74831 Gundelsheim / Germany
Phone: +496269 95-0, Fax: +496269 95-80
www.spraymax.com / www.kwasny.com / info@kwasny.de

belton® free

AQUAcolours clear lacquer

transparent 400 ml

Art. No. 332XYZ

Product

Description / Area of use

Premium water-based spray paint for high-quality spray painting.
Solvent content lacquer < 2%, odourless.
For many substrates, such as ferrous metals, wood, many plastics, cardboard, paper, stone and polystyrene be used.
Galvanised steel, aluminium, non-ferrous metals and ceramic must be pre-coated with a primer such as belton free AQUAprimer.

Product benefits

- Water-based and odourless
- Virtually solvent-free (< 2% solvent in the lacquer)
- Very good levelling
- Weather and UV-resistant
- Can be used indoors and outdoors
- Long-lasting protection
- Can also be used individually as a colourless coating
- Suitable for children toys according to DIN EN 71-3 (ILF test report no. 230113 dated 24/02/2023)

Material Base

Water-based polyurethane dispersion

Substrate

Ferrous metals, galvanised steel, aluminium and non-ferrous metals, wood, many plastics, ceramic, polystyrene, cardboard, paper, stone, plaster (walls), concrete.
Check plastic substrates for suitability.
Safety-relevant plastic parts, e.g. safety helmets should not be coated.
Check old paints, as surface defects may occur.

Processing

Protection measures

Wear personal protection equipment.
(gloves / goggles)
For more information, see safety data sheet.

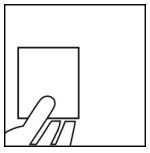
Spray protection

Remove the spray safety device by first removing the spray head. Insert a screwdriver between the tab and the retaining ring. Lift out the fuse with a gentle downward movement.
Keep these and use it again as a spray fuse when the laque work is finished.

Shake

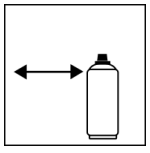
Put one of the two spray heads with one light twisting movement back onto the spray can.
Shake it thoroughly for 1 minute so that the lacquer material are evenly distributed.

Spray to test



Before you paint the actual object, check the compatibility of the spray paint on a test object.
After the test spraying, wipe off any paint residue on the spray head.

Spraying distance



10 cm - 20 cm
Hold the can upright.

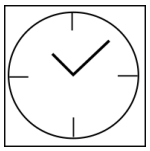
Spray passes

Always start outside the object to avoid overcoating.
Pre-coat with a thin spray coat.
After approx. 5 - 10 min. finish in thin layers.
Avoid short sprays! Between sprays, wipe the spray head with a clean, damp cloth.

Processing conditions

The ideal working temperature is 15 - 25° C.
Avoid direct sunlight and drafts.
The relative air humidity should be < 60 %.
The surface to be painted must be clean, dry and be free of release agents (e.g. fats, oils).
Sand the substrate.

Drying



dust dry: after approx. 60 min
dry to touch: after approx. 3 hours
assembly-proof: after approx. 24 hours.
Can be recoated with itself within 1 hour.
Weather-resistant after 3 days.

Painting structure

Base coat / primer
(e.g. belton free AQUAprimer, Art.Nr. 332601):
For substrates such as absorbent wood, treated wood, galvanised steel, aluminium, ceramic, and non-ferrous metals (NF metals) the use of a primer is required.
Priming is generally recommended for permanent corrosion protection. Problematic plastics can be treated with belton plastic primer (solvent-based Art.Nr. 323505) beforehand.

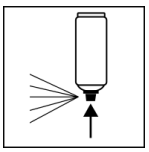
Paint structure (without primer / base coat):

1. belton free AQUAcolours coloured paint (colour tone)
2. Overcoat with belton free AQUAcolours clearcoat transparent, for an even more durable durability of the coating.

Paint structure (with primer / base coat):

1. belton free AQUAprimer (matt white)
2. belton free QUAcolours coloured paint (colour tone)
3. Overcoat with belton free AQUAcolours clearcoat transparent, for an even more durable durability of the coating.

Finish



When you have finished the painting job, clean the spray head under water.
Remove the spray head for storage, reinsert the spray fuse and replace the spray head.

Additional Information

Please note

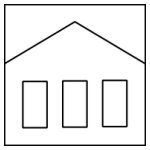
Avoid shocks, friction and impacts.

After longer breaks, wipe the laque off the spray head with a damp cloth, to prevent bonding the spray head.

The following applies to water-based paint systems:

The surface, which initially appears somewhat wavy when wet (in the first few seconds), smoothes out to an even, smooth, flawless paint surface as it dries.
Please note that overcoating and slight foaming may occur when test spraying and painting in one area and slight foaming may occur.
This is NO product defect! With proper painting in thin, even layers, belton free achieves a flawless painting result. As with all water-based paints, so are also with belton free the drying times greatly from the Ambient temperature and especially from the relative humidity dependent.
An air humidity of over 60% leads to a significantly longer drying time.
The supply of warm air means that drying times can be shortened.

Shelf Life



5 years
The can must be stored and transported in an upright position between 15 - 25° C and a relative humidity of not more than 60 % in a dry place where it is protected against chemical and mechanical influences. The safety instructions on the can as well as all legal provisions of the storage location have to be noted.

Disposal

The completely emptied spray cans must be disposed of in the recycling system. Cans with hardened material must be disposed of as special waste.

Note

Before use, carefully read the safety instructions on the label of the spray can must be read carefully and observe them.

The contents in this technical data sheet were created with great care and reflect our current state of knowledge. They provide the user with application-specific information and do not promise certain properties. The information is non-binding and we accept no liability for its integrity, accuracy and completeness. They do not relieve the user of their duty to check the suitability of our product for the intended purpose. The warnings printed on our labels must be respected. Our brands and patents are protected by copyright. All rights reserved We reserve the right to update, amend or supplement the content of the information without prior notice.