



BONDEX Garden Colors

- Semi -opaque paint for decorative outdoor use.
- For many types of wood, terracotta and zinc
- Can be combined in many ways, eg for vintage effects.
- Non- drip for optimal brushing comfort.

1. general description

1.1 Product name BONDEX Garden Colors

1.2 Manufacturer PPG Coatings Deutschland GmbH.

1.3 Product Type Water-based semi-opaque paint.

1.4 Application Outside: For many types of wood, terracotta and zinc**. Can be combined in many ways, eg for vintage effects.

Wood: On many absorbent types of wood (see 4.1), primarily on wooden components that are not dimensionally stable or have limited dimensional stability (e.g. garden furniture, Garden houses and garden decorations.). Not for horizontal surfaces such as e.g. B. terraces and balcony floors, garden parquet, etc. suitable.

Terrakota: for translucent and opaque effects

Zinc: for glazing and covering effects only in connection with Bondex insulating and all reason.

1.5 Product Effect Decorative, water-based, semi-opaque wood paint.

1.6 hue	- Chalk White	- Bluebells Blue
	- Calm stone grey	- Soft willow gray
	- Creature vanilla	- Comfortable green
	- Stakes Petrol	- Funky lilac
	- Vintage pink	- Lime yellow
	- Attractive anthracite	- Comforting taupe

Important:

BONDEX Garden Colors allow the substrate to show through.

Therefore, the effect of the individual shades on the different types of wood is different.

Before use, we recommend a test coat, later complaints cannot be accepted.

1.7 form of delivery Ready to use.

1.8 Packaging 0.75 liters and 2.5 liters.

1.9 test mark

2. Composition according to VDL - Guideline 01

2.1 binder Acrylic binders

2.2 solvent water



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2.3 VOC content	EU limit for this product: Product category A/e): 130 g / l (2010). This product contains max. 30 g / l VOC.
2.4 Pigments	titanium dioxide.
2.5 Additives	additives.
2.6 Preservative	Contains 1,2-Benzisothiazol-3(2H)-one and 2-Methyl-2H-isothiazol-3-one. Can cause allergic reactions.

3. Technical specifications

3.1 density	1.17 g/cm ³
3.2 solid	33.5% to 40%
3.3 viscosity	9 Poise (with Roto-Viscometer at 20° C)
3.4 Flash Point	Not applicable as it is a water-based product.
3.5 gloss level	semi-gloss
3.6 Odor	low odor Odorless after drying.
3.7 Consumption	Approx. 80 ml/m ² per coat. 1 liter is enough for approx. 13 m ² . Depending on the component. Determine the exact consumption with a trial order.
3.8 Drying Time	Dust-dry after approx. 3 hours. Can be painted over after approx. 4 hours (23°C / 60% relative humidity). The drying time is extended at low temperatures and/or high humidity. With certain types of wood (e.g tropical woods, oak, etc.), wood components can delay drying. Carry out test coating.
3.9 Weather resistance	Very good. Eroding weathering, therefore no flaking. Depending on of construction and weather exposure. Especially on surfaces that are heavily exposed to the weather, from which water cannot run off, and on surfaces that are constantly exposed to high levels of moisture expected to have a shorter shelf life.
3.10 Lightfastness	Semi-opaque alone does not provide sufficient UV protection. For a nice vintage effect, we recommend a repeat coat after a while.
3.11 Alkali Resistance	Good.
3.12 Biocidal effect	No.
3.13 Dilution	Use undiluted.
3.14 Shelf Life	Can be kept for approx. 3 years in unopened containers. Store and transport cool, dry and frost-free.



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4. underground

4.1 underground type

Appropriately pretreated types of wood (see 4.3)

Raw, untreated wood outdoors:

A – Anti-stain primer required:

Oak (white) Europe (sapwood), spruce, hemlock, pine (sapwood), larch (sapwood), Oregon - pine (Douglas fir) -sapwood, plantation pines, e.g. Radiata pine, Red - Meranti (sapwood), Sitka - spruce, Fir.

B – Anti-stain primer not required:

Afzelia (Doussie), American Mahogany, Bangkirai (Yellow Balau), Oak (white) Europe (heartwood), Eucalyptus, Blue Gum (Eucalyptus globulus), Framire, Iroko (Kambala), Pine (heartwood), Larch (heartwood), Merbau, O koume, Oregon - Pine (Douglas Fir) - heartwood, Red Meranti - heartwood, Lobinia, Sapele, Sipo, Teak, Western Red Cedar.

4.2 Ground condition

The substrate must be dry, clean, stable and free of grease and wax.

4.3 Pre-treatment

Scratch out resin spots and clean with a suitable agent (e.g. nitro universal thinner). Resin leaks cannot be prevented with technical coating measures (see BFS data sheet no. 18). algae, mold, e.g. B. with Bondex algae and green growth remover. Remove dirt and loose paint parts. Sand heavily weathered surfaces down to healthy wood. If necessary, lighten gray wood with Bondex Wood New 4163.

Completely remove old paint and thick-layer thin-layer glaze coatings down to the pores. Do not sand wooden surfaces with steel wool. Risk of rust staining.

4.4 wood moisture

Wood moisture must not exceed 18%.

5. processing

5.1 application process

To brush

5.2 Processing Notes

Stir well before use. Do not process or dry at temperatures below +10°C and/ or relative humidity > 80%, or when rain is imminent. In order to guarantee the same colour, only process material with the same batch number on one surface.

Important:

Water-soluble wood ingredients sometimes soil the house facade (dark or colored offshoots). They are washed out over end-grain wood surfaces. Therefore, seal end-grain wood (ends and interfaces) with additional coats.

After the first coat, wood fibers can stand up. A smooth surface is achieved with a light intermediate sanding.

Do not use in extremely high humidity (dampness), rain or direct sunlight. Beware of the risk of night frost.

For new wooden components, we recommend coating all over

5.3 first coat

Outside: All raw woods at risk of blue stain (see 4.2 Group A):



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1 x BONDEX Softwood Impregnation Plus
1-2x BONDEX Garden Colors

Other woods (see 4.1 group B):

1-2x BONDEX Garden Colors

zinc surfaces:

With a 10% ammonia solution with the addition of a wetting agent (e.g. Pril) thoroughly with a synthetic fleece (Scotch Britt). Allow the resulting foam to take effect for a few minutes and then wash off thoroughly with water. See also technical data sheet BONDEX ISOLIER UND ALLGRUND 4455.

5.4 Renovation coating

On sound, suitably pretreated old coats (see 4.3):

1-2x BONDEX Garden Colors

Inspect the finished wooden surfaces regularly, repair minor damage immediately, thereby extending the durability.

5.5 Cleaning the tools

With soap and water.



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6. Safety Advice / Danger Notices

Please note the associated safety data sheet. the current version can be found on the Internet at www.bondex.de be retrieved.

Keep out of the reach of children

Avoid release to the environment

Repeated skin contact may cause skin dryness or cracking.

Labeling information on the container labels must be observed.

There is a risk of self-ignition with rags that have been soaked with oxidatively drying products! Spread out the soaked cloth and let it dry; Must be stored in closed metal containers or under water!

Bondex Service Center:

If you have any questions, we would be happy to advise you.

Call us or visit us on the Internet www.bondex.de:

☎+49 (0) 234 / 869 492 / ☎ +49 (0) 234 / 869 380

Berlin poison control center: ☎ +49 (0) 30 / 30 686 700

If medical advice is needed, have product container or label at hand.

Advice for isothiazoline allergy sufferers on the telephone number:

☎+49 (0) 234 / 869 492

7. disposal

Do not allow product residues to get into the sewage system, water bodies or soil.

Dispose of contents and container in accordance with all local, regional, national and international laws.

Please refer to the safety data sheet for further disposal information.

8th. General information

Product code: BSW 20

Do not store in rooms where food is produced or stored. Store only in original containers.

The purpose of this leaflet is to provide serious, but non-binding, advice on the possible uses of BONDEX Garden Colors. The technical information is based on years of experience, but does not release the consumer from checking BONDEX Garden Colors for the intended purpose.

Due to the variety of possible uses and processing, however, binding nature and liability must be excluded. If in doubt, please contact our representatives, our field staff or our application technology department directly.



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Calling in our specialist consultants does not establish a consulting relationship. When this leaflet is published, the previous one loses its validity.