

## RETARDER PAPER

# WB-PAPER · SE-PAPER · RSE-PAPER

## Retarder paper – it couldn't be any easier

**HEBAU** retarder papers are applicable for the production of prefabricated decorative concrete, such as paving slabs/tiles, steps and other pieces of concrete with an exposed aggregate surface.

**HEBAU** retarder papers work well with different production set-ups and concrete mix designs (from zero-slump to wet-cast), meaning that they can be used for custom-made decorative concrete or for automated systems, as used for example during the production of terrazzo tiles.

The paper has a plastic-coated, waterproof reverse side and the front side is coated with a reliable concrete surface retarder resp. deactivator (used for special RSE®-Papier 01). The reverse side is additionally marked for easy identification of the different exposure depth types.

### Advantages:

Very easy and reliable handling. Wide and flexible range of different exposure depth types, sheet sizes and roll-widths.

**Standard sheet sizes are:** 40x20 cm, 40x40 cm, 40x60 cm, 40x80 cm, 50x25 cm, 50x50 cm, 50x75 cm, 100x100 cm (250 sqm per box)

**Standard roll-widths are:** 100 cm, 120 cm, 150 cm, 160 cm (minimum length: 100 m per roll)



**Tip:** for larger concrete elements, or if the mould is more complex, please contact our technical experts. Maybe we know a trick for the production of your particular concrete project, because – don't forget – **HEBAU** has been selling retarder papers since 1968!



The following types are available (special types on request):

Exposure depth type:	RSE-Paper 01	SE-Paper	WB-Paper "grey"	WB-Paper "yellow"	WB-Paper "blue"	WB-Paper "green"	WB-Paper "red"
<b>Recommended for aggregate size: (in mm)</b>	0 - 4/8	0 - 4/8	4 - 8	4 - 8	8 - 12	8 - 16	16 - 32
<b>Approximate exposure depth: (in mm)</b>	0.5	0.7	1 - 2	2	2 - 4	3 - 5	5 - 8

# Products for the production of exposed aggregate concrete surfaces

<u>CSE® Deactivator</u> version "pro"	<u>CSE® Deactivator</u> version "nova"	<u>CSE® Deactivator</u> version "solotop"	<u>CSE® Deactivator</u> version "multitop"	<u>Retarder paper</u> RSE 01	<u>Retarder paper</u> WB (various types)
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## Suitable for:

micro exposure depth	✓	✓	✓	✓	✓	-
micro, medium and deep exposure depths	✓	✓	✓	✓	✓	✓
negative (face-down) application	✓	✓	-	-	✓	✓
positive (top surface) application	✓	✓	✓	✓	-	-
negative and positive application	✓	✓	-	-	-	-

## Architectural precast concrete

facade elements	✓	✓	○	○	○	○
sandwich panels	✓	✓	-	-	○	○
hollow-core wall elements	○	○	✓	✓	-	-

## Other precast concrete

sound barrier walls, retaining walls	✓	✓	-	-	○	○
glassfibre-reinforced concrete (GRC)	✓	✓	-	-	✓	○
fence elements, columns, wall caps	✓	✓	○	○	○	○
prefab flooring panels	✓	✓	○	○	○	○

## Small prefab

steps/pedestals/bricks/covers	✓	✓	○	○	○	○
tiles/slabs (made in a press)	-	-	-	-	✓	✓
curbs stones	✓	○	○	○	○	○
planters, flower bowls/pots	✓	✓	○	○	-	-
urban furniture	✓	✓	○	○	-	-
wetcast concrete	○	✓	-	-	-	-
bollards/palisades	○	○	✓	○	-	-
paving stones	-	-	✓	○	-	-

## Cast-in-place concrete

tilt-up	✓	○	-	-	-	-
decorative paving	○	✓	✓	✓	-	-

## Special applications

roughening of construction joints	✓	✓	○	○	-	-
non-slip concrete surfaces	✓	✓	○	○	○	○
reduction of sandblasting material/effort	✓	✓	○	○	-	-
reduction of polishing effort	✓	✓	○	○	-	-

## Also recommended:

special admixtures for decorative concrete	Arcon-Fluid <sup>Plus</sup>	Avoids segregations and helps to reduce vibration towards semi-self-compacting or self-levelling concrete.
protective coating - option I	COLORFRESH® intensiv	Applicable immediately after wash-out procedure – enhances surface colour and creates a silky sheen.
protective coating - option II	COLORFRESH® effect	Applicable immediately after wash-out procedure – creates a wet-look finish.
protective coating - option III	COLORTEC® MAX	Applicable immediately after wash-out procedure – remains invisible/matt finish

Symbol explanation:    ✓ applicable    ○ partially applicable    - not applicable

Please study our technical data sheets prior to application and always conduct pilot tests under real application and production parameters and a suitable observation time. Status 06/2020, All informations are subject to changes.

