

## ColdBI

**Is there a risk of premature freezing, but you have no heating facilities?  
With KöldBI you can continue to grout a concrete component, cast footings  
or perform minor concrete casting without the risk of premature freezing.**

### Cures even in the cold

KöldBI can be used when you need to cast in cold weather and there is a risk of premature freezing, but at the same time, it is hard to provide heating. With KöldBI you can relax, as the product cures without extra heating even at low temperatures and has controlled strength development down to -15°C. Contact Technical Customer Service if you wish to know more about strength development at low temperatures.

### Technical summary

- Cures down to -15°C without extra heating
- The following grades are available as standard:

### Handling tips

When using KöldBI there is no need to heat up cold formwork or substrates prior to casting. As for ordinary concrete thorough vibration should be applied in order to ensure sufficient compaction. After casting it is important to protect the surface from rapid drying by coverage.

### Areas of application

- Grouting of concrete components in winter time
- Minor concrete castings
- Casting of footings
- Other winter castings where there are no heating facilities

Concrete type	Strength class	Slump, consistency class	D <sub>max</sub> , mm	Minimum curing temperature
Grout mortar	C28/35, C32/40, C 40/50, C 45/55	≥50, S2 – S5, SKB SF1 – SF2	8	-5°C
Grout mortar	C28/35, C32/40, C 40/50, C 45/55	≥50, S2 – S5	8	-10°C
Grout mortar	C28/35, C32/40, C 40/50, C 45/55	≥50, S2 – S5	8	-15°C
Concrete	C28/35, 32/40	≥50, S2 – S5, SKB SF1 – SF2	16	-5°C
Concrete	C28/35, 32/40	≥50, S2 – S5, SKB SF1 – SF2	16	-10°C
Concrete	C28/35, 32/40	≥50, S2 – S5, SKB SF1 – SF2	16	-15°C
Set mortar	CB ≥300	10 – 40, S1	8	-5°C
Set mortar	CB ≥300	10 – 40, S1	8	-10°C
Set mortar	CB ≥300	10 – 40, S1	8	-15°C