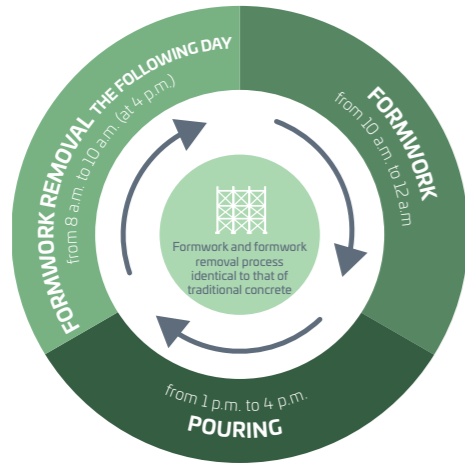


## H-UKR: a cement that lets you retain your work habits

- Normal construction pace.



- Two versions of the same cement for building in all seasons!

Indicative time frames for removing wall formwork according to average outside temperatures:



**With H-UKR N**  
Avg. T°C > 10°C → t + 18h  
5°C < Avg. T°C < 10°C → t + 24h/36h\*



**With H-UKR R**  
Avg. T°C > 5°C → t + 18h  
0°C < Avg. T°C < 5°C → t + 24h/36h\*

\*The initial temperature of the fresh concrete and the exposure of the structure to sunlight and wind affect the setting of the concrete.



See the maturity level sheet

- Durability confirmed for 100 years!

XO	XC				XD			XF				XS			XA		
	XC1	XC2	XC3	XC4	XD1	XD2	XD3	XF1	XF2	XF3	XF4	XS1	XS2	XS3	XA1	XA2	XA3
✓	✓	✓	✓ <sup>1</sup>	✓	✓	✓	✓	✓	✓	✓ <sup>2</sup>	✓ <sup>2</sup>	✓	✓	✓	✓	✓	✓

<sup>1</sup> The H-UKR cement-based concrete formulation can be used for a structure subject to exposure class XC3 subject to compliance with the following two conditions:

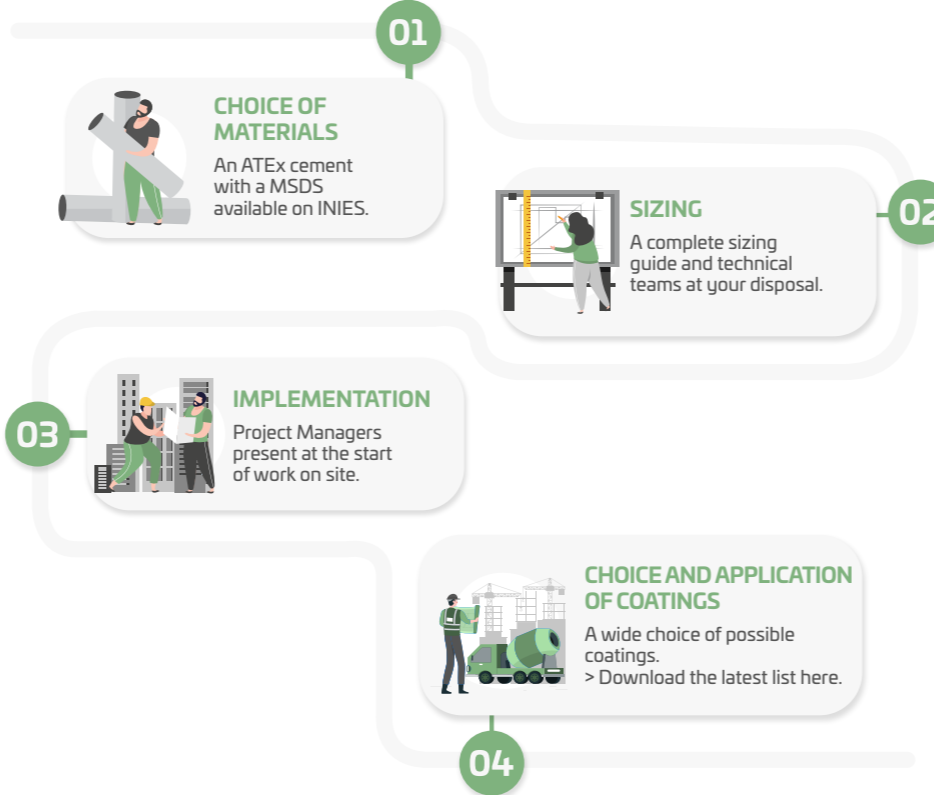
- the formulation used must meet exposure class XC4
- and the coating of the reinforcement will be determined by considering exposure class XC4

<sup>2</sup> Exposure classes to be validated by tests with worksite aggregates.



See our exposure classes

## Support from our teams at every stage of your project!



01

### CHOICE OF MATERIALS

An ATEx cement with a MSDS available on INIES.

02

### SIZING

A complete sizing guide and technical teams at your disposal.

03

### IMPLEMENTATION

Project Managers present at the start of work on site.

04

### CHOICE AND APPLICATION OF COATINGS

A wide choice of possible coatings.  
> Download the latest list here.



**HOFFMANN GREEN CEMENT**

Catalyst of the Carbon Transition

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Find all our news on our social networks



HOFFMANN GREEN CEMENT - April 2024 - Agence The New One - Illustrations: Laubywane

# H-UKR

## DOMAINS OF USE

An ATEx cement for all your applications!



Download our ATEx



**HOFFMANN GREEN CEMENT**

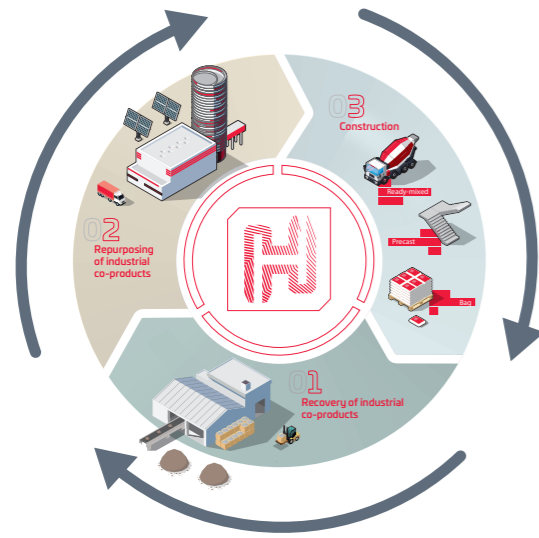
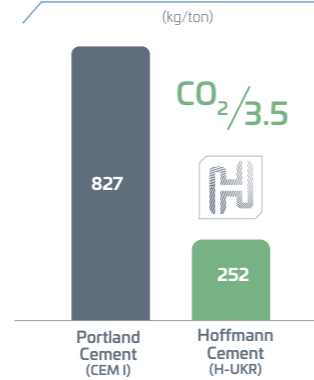
Catalyst of the Carbon Transition

# H-UK: the only clinker-free cement on the market under ATEx!

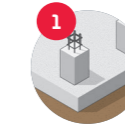
A cement that is addressing the climate issues involved in meeting the 2031 thresholds of the RE2020 today!

- ✓ Clinker-free cement  
Designed to use co-products from other industries
- ✓ Carbon footprint 3.5 times less compared to a CEM I
- ✓ Manufacturing process 10 times less energy intensive than for traditional cement

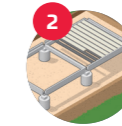
## COMPARISON OF CO<sub>2</sub> EMISSIONS



### Foundations



Rafts



Beams



Footings

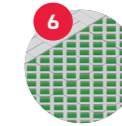
### Roads



Curbs



Paving stones

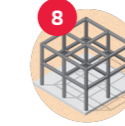


Grass grids



Cycle paths

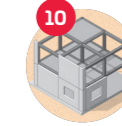
### Superstructure elements



Beams and posts

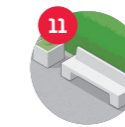


Floors



Walls

### Precast



Street furniture



Stairs

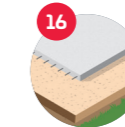


Stairs



Precast walls

### Other



Paving



Compression tables for joist floors



Stabilized pathways

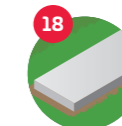


Telecom antenna foundations

### Renewable energy foundations



Wind turbine foundations



PV panel foundations



See the CO<sub>2</sub> calculator