

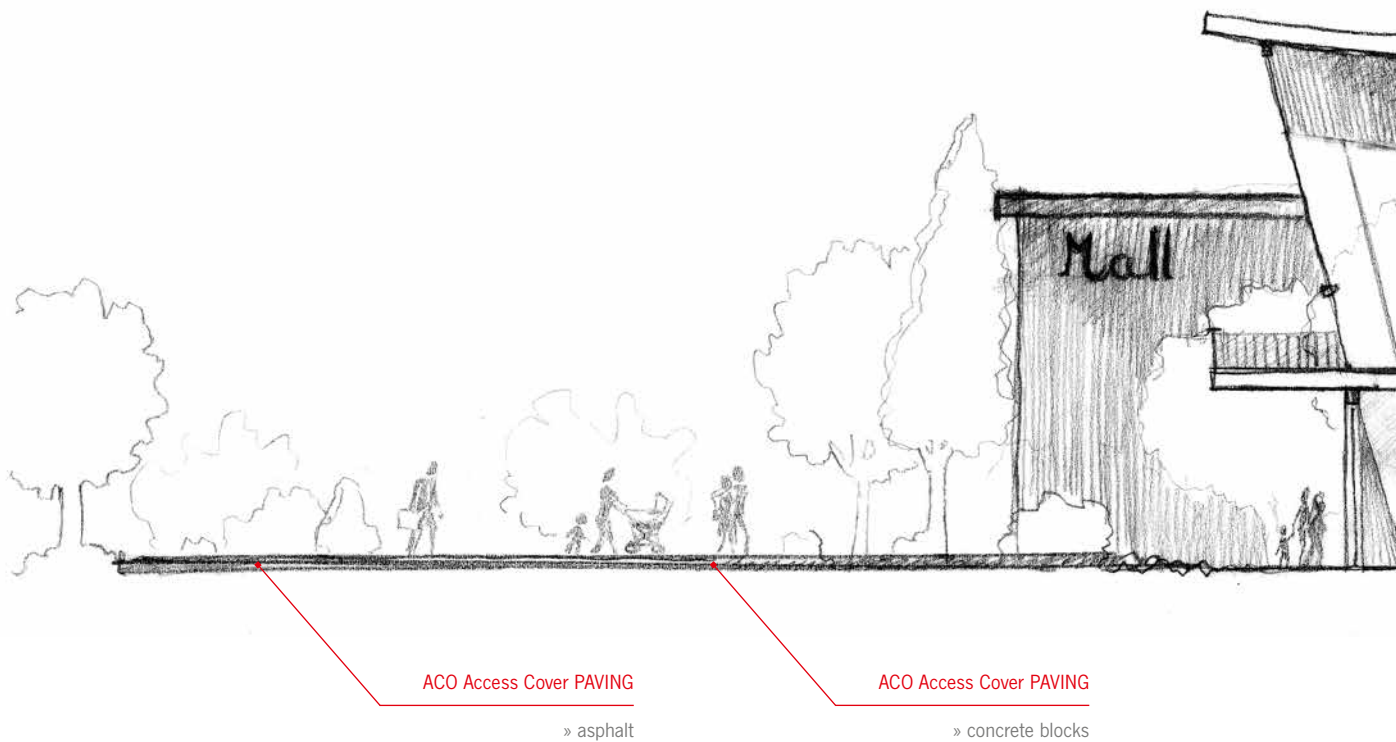


**ACO Access Covers**

*Innovation you can trust*







### ACO Access Cover PAVING

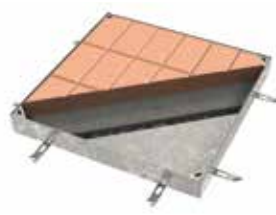
Typically specified for use outside buildings, for pedestrian areas, driveways and car parks. Recessed access covers for a pavement, natural stone or bitumen infill in height up to 110 mm. Strong supports are welded underneath of the cover, which guarantee declared load capacity up to load class C250 without any additional structural infill. Complete PAVING range is type tested and certified according to EN 124. Covers are fabricated from hot-dip galvanized mild steel. Water and odour tightness is ensured by rubber gasket.

Covers are available in two options:

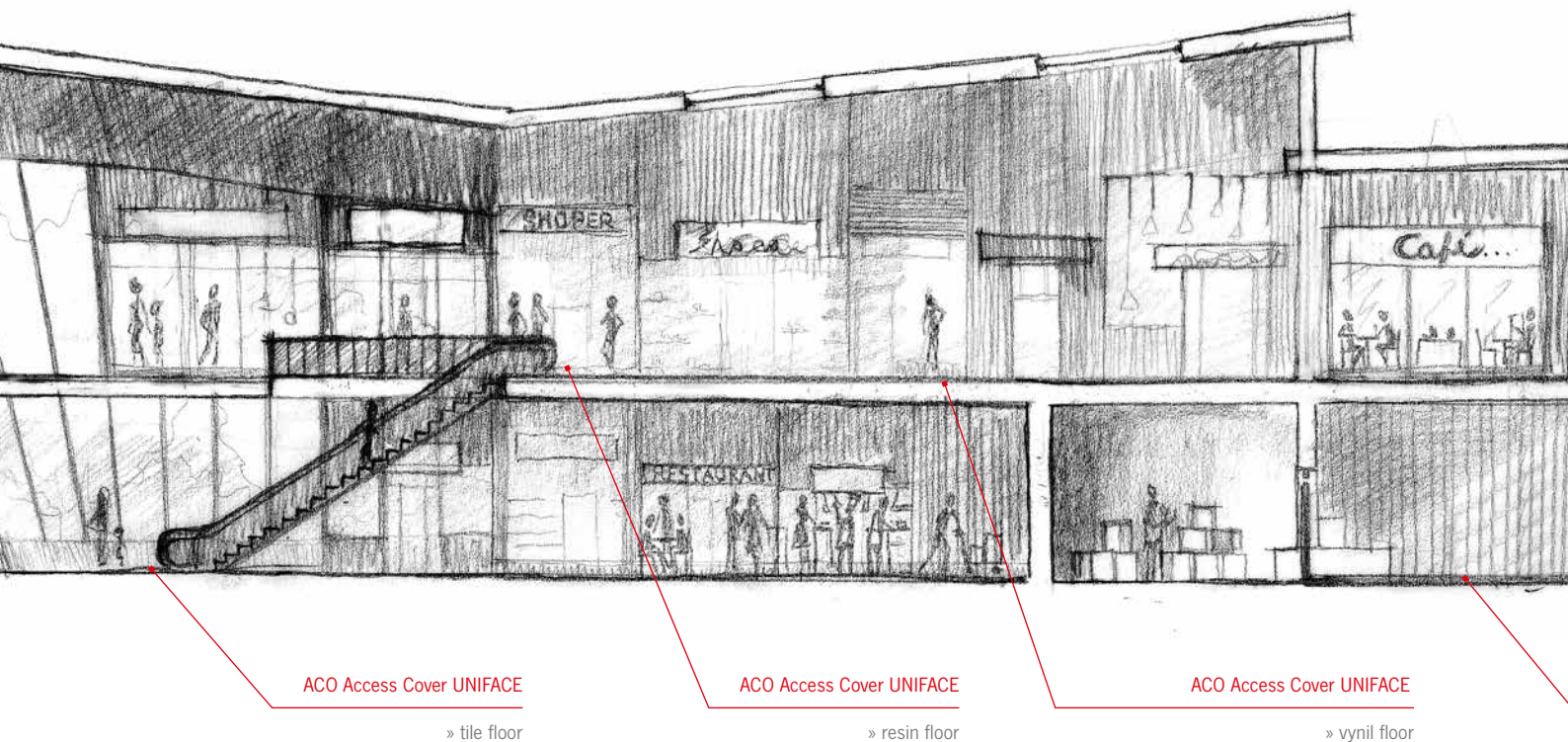
- ASSIST – opening assistance for easy one person operation
- MULTI – oversize accesses with trouble-free assembly and removal



ACO PAVING ASSIST GS



ACO PAVING GS



### ACO Access Cover UNIFACE

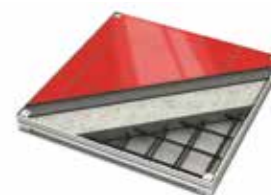
Typical applications are inside buildings or in building surroundings, where high level of design is required. Recessed access covers are suitable for a thin floor surfaces in thickness up to 15 mm. The cover must be filled-up with concrete of required quality in order to achieve declared load capacity up to load class C250. Complete UNIFACE range is type tested and certified according to EN 1253-4. Covers are fabricated from corrosion resistant materials - grade 304 stainless steel, hot-dip galvanized mild steel, aluminium alloys and composites. Bolt locking ensures child safety and anti theft prevention. Covers are sealed for excellent water and odour tightness.

Covers are available in several options:

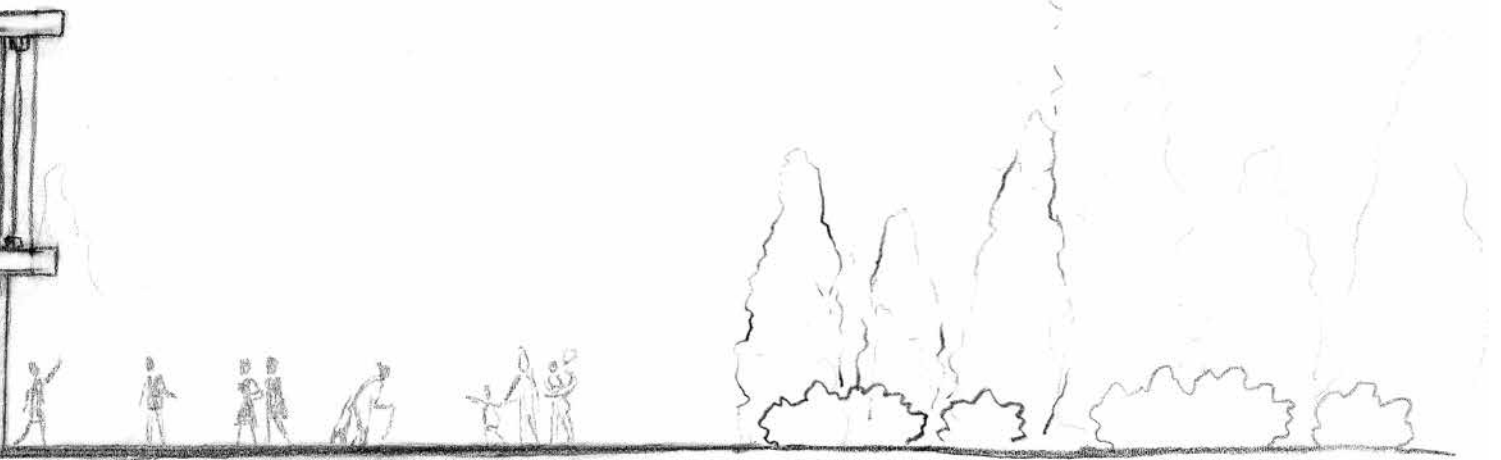
- SHALLOW – reduced overall height for application in floor screed
- SMART – lightweight cover with composite infill for time-saving installation
- VINYL – easy and reliable fixing of a vinyl floor to the cover and frame
- ASSIST – opening assistance for easy one person operation
- MULTI – oversize accesses with trouble-free assembly and removal



ACO UNIFACE ASSIST GS



ACO UNIFACE AL



## ACO Access Cover SOLID

### ACO Access Cover SOLID

Suitable for light industrial applications, where simple and lightweight covers are required. Surface of the cover is formed by anti slip tread plate. Optimized supports are welded underneath of the cover, which guarantee declared load capacity up to load class B125. Complete SOLID range is type tested and certified according to EN 124. Covers are fabricated from corrosion resistant materials - grade 304 stainless steel, hot-dip galvanized mild steel and aluminium alloys. Bolt locking ensures stability in the frame. Our covers provide high water and odour tightness thanks to rubber gasket.

Covers are available in two options:

- ASSIST – opening assistance for easy one person operation
- MULTI – oversize accesses with trouble-free assembly and removal



ACO SOLID ASSIST GS

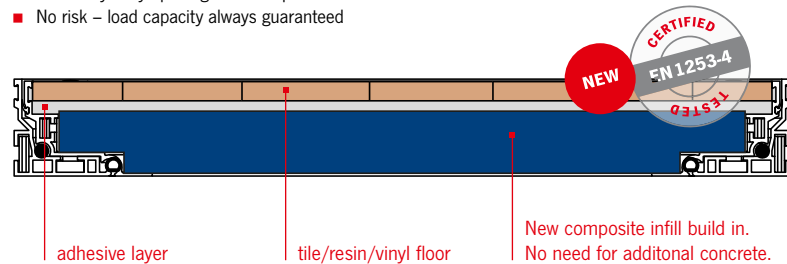


ACO SOLID GS

## ≡ Certification

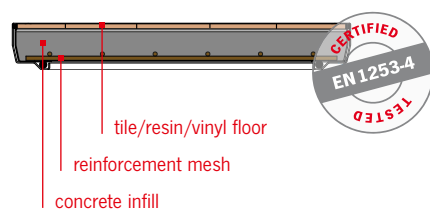
### ≡ ACO Access Cover UNIFACE SMART AL

- Lightweight cover with structural composite infill (no concrete necessary)
- Load capacity L15 with tiles in thickness up to 15 mm
- Extremely easy opening and manipulation
- No risk – load capacity always guaranteed



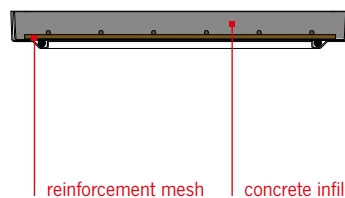
### ≡ ACO Access Cover UNIFACE GS-SS

- Recessed access covers suitable for a thin floor surfaces in thickness up to 15 mm
- The cover must be filled-up with concrete of required quality in order to achieve declared load capacity
- Declared load capacity tested and guaranteed with space for tiles 15 mm
- Type tested and certified according to EN 1253-4 – Product certificate No. 060-035234



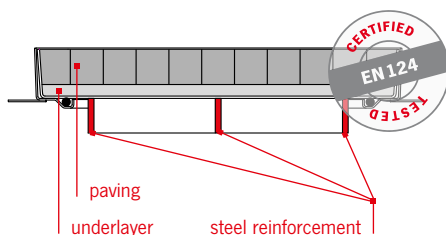
### ≡ Common solution of access cover

- Test load declared only for cover fully filled with concrete
- No information or guarantee for cover with tiles
- Example for a recessed cover with a clear opening 600×600 mm, declared test load 125 kN - if the concrete layer is reduced about 15 mm then the real test load is reduced to 75 kN only!



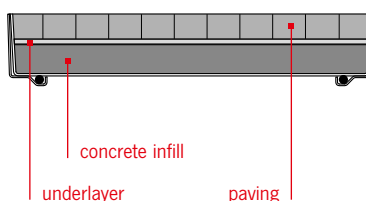
### ≡ ACO Access Cover PAVING

- Strong optimized supports are welded underneath of the cover
- Space for paving blocks up to 110 mm
- Load capacity up to load class C250 for all clear openings up to 1 m
- No concrete or any other additional structural infill necessary
- Type tested and certified according to EN 124 – Product certificate No. 204/5Ca/2011/060-035130035234



### ≡ Common solution available on the market

- Additional structural concrete infill necessary
- Less space for paving infill
- Longer installation time



## ≡ All our products are fully certified

Safety and functionality is our priority in the development of access covers. During the development we can rely on many strength calculations, tests and real applications that we have implemented in recent years.

We aim to be on the top of technological development and innovation. We are also active in an amendment process of European standards related to access covers.

## ≡ ACO Access Covers are type tested and certified according to following standards

### EN 1253-4

Gullies for buildings – Access covers

- ACO Access Covers UNIFACE
- Product certificate No. 060-035234.

### EN 124

Gully tops and manhole tops for vehicular and pedestrian areas

- ACO Access Covers PAVING,
- ACO Access Covers SOLID
- Product certificate
- No. 204/5Ca/2011/060-035130.

ACO Industries k.s. in Příbryslav is using a quality management system certified according to EN ISO 9001. The company has been certified since 1996.

Factory production control, employees qualification and technical equipment are certified according to EN 1090: Execution of steel structures and aluminium structures - Part 1: Requirements for conformity assessment of structural components.

Customers can rely on key parameters of ACO Access Covers:

- Safety
- Declared load capacity
- Tightness
- Functionality

ACO Access Covers – Innovation you can trust



## ACO in Europe

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### ACO Access Covers

We at ACO have many years of experience in designing access covers. We use our broad technical knowledge in product design, testing, manufacturing and applications to deliver maximum quality to our customers. ACO Covers are innovative and made of high quality materials. Our complete range of covers is fully certified according to European standards and meets all load, safety and functional requirements.

The precise manufacture of aluminium alloys, stainless steel, galvanized steel and composites guarantees high reliability and long life of our products.

ACO Access Covers can be flexibly installed into any interior or exterior areas. Their installation and handling, as well as their maintenance and cleaning, are easy.

A wide range of standard types with many options, tailor made production and the possibility of using various floor surfaces make an ACO Access Cover look like an inconspicuous chameleon smartly merging into its background while retaining its full functionality and safety.

#### A strong brand around the world.

ACO products and system solutions stand for the professional protection, design and drainage of roads, open spaces and buildings. The 3500 members of the international ACO family, at home in 40 countries, with 26 production sites,

generate a turnover of Euro 600 million – and rising. Today, optimism is deserved because the ACO Group is extremely well positioned as an innovation and quality leader in the growth markets of the 21<sup>st</sup> century.

#### ACO at a glance.

- 1946 Company founded by Josef Severin Ahlmann
- More than 3500 employees in over 40 countries (Europe, America, Asia, Australia)
- 26 production sites in 14 countries
- Turnover 2011: Euro 600 million

#### Not all of our products are as eye-catching as an illuminated ACO stainless steel channel.

Most of our products do their jobs reliably, but unnoticed, year after year. They are still attractive because we strive for perfection in every detail.

As even products of the highest quality can always be improved, our engineers and technicians are constantly working on innovations to enhance all kinds of aspects of projects - no matter how large or small. Polymer concrete, reinforced concrete, polymers, stainless steel and cast iron are materials ACO masters to create intelligent, efficient and sustainable products and solutions.



## ACO in America & Asia

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