



// ONE BRAND // ONE SOURCE // ONE SYSTEM



// SERVICE // MATERIAL PROCESSING // SURFACE PROTECTION // AUTOMOTIVE

**Asplit<sup>®</sup>**

"THE ORIGINAL" – FOR CORROSION ENGINEERING

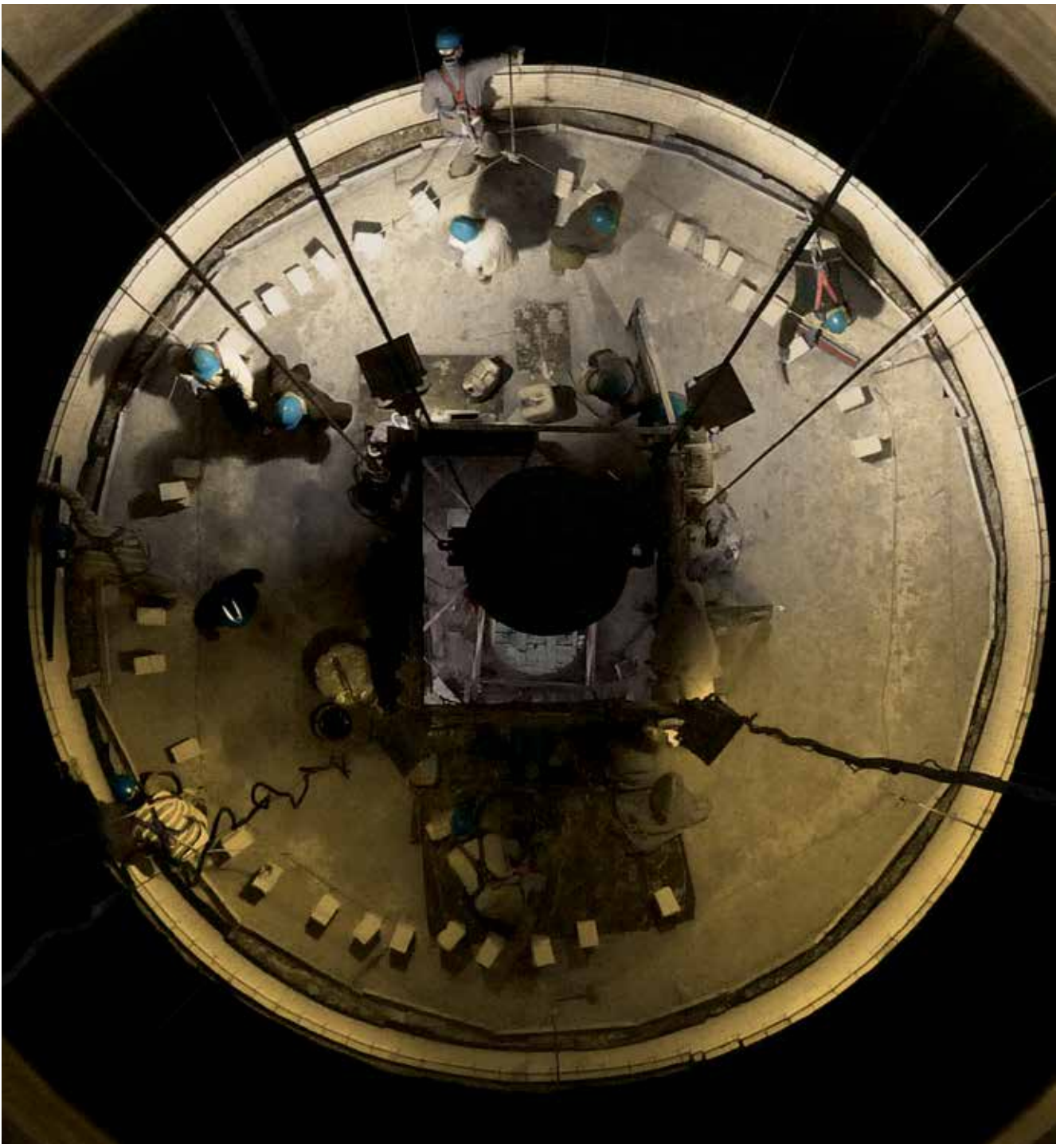


## ACID-PROOF INSTALLATION

### Protection for – instead of against acids

For all measures to prevent damage that may be caused to apparatus, tanks, buildings and structural installations though exposure to acids (as well as other aggressive substances of thermal and mechanical strength).

This is how Asplit® mortars began development almost **100 years ago**. Initially as pure acid silicate mortars, now Asplit® HB, HES and similar, then also on synthetic resin-bonded bases.



## HISTORY OF ASPLIT®



**1921** Beginning of the development and use of silicate mortars Hoechst (IG Farben)

**1937** Asplit® A

**1940** Asplit® N – soda resistant and resistant against several chemicals

**1950** Resumption of the production of acid proof mortars and Asplit® resins

**1952** Refractory mortars Hoechst K12, K14 and K16

**1954** Asplit® CN – methylene chloride resistant

**1955** Asplit® FUR – first furan resin mortar

**1956** Asplit® O – first polyester resin mortar

**1965** Asplit® E – first epoxy resin mortar

**1966** Asplit® FN – high-resistant carbon filled furan resin mortar

**1984** Asplit® HSP – silicate spray mortar

**1987** First DIBT certification mark EL / UD / LC

**1989** Further laminates Asplit® LF – furan resin mortar  
Asplit® 846 – epoxy resin mortar  
Asplit® VEL – vinylester resin mortar

**1990** Asplit® 788 – high-temperature resistant furan resin mortar

**1998** Asplit® HGL – silicate mortar – to fix electrodes (contacts pins) in halogen lamps

**2014** Asplit® ETS – for abrasive mechanical loads  
Asplit® Flake M – high temperature-resistant glass flake

**2015** Asplit® HSC – Silicate concrete, resistant against all acids (without HF), heat resistance up to 900° C.  
Asplit® SP – Siliconpolymercoating

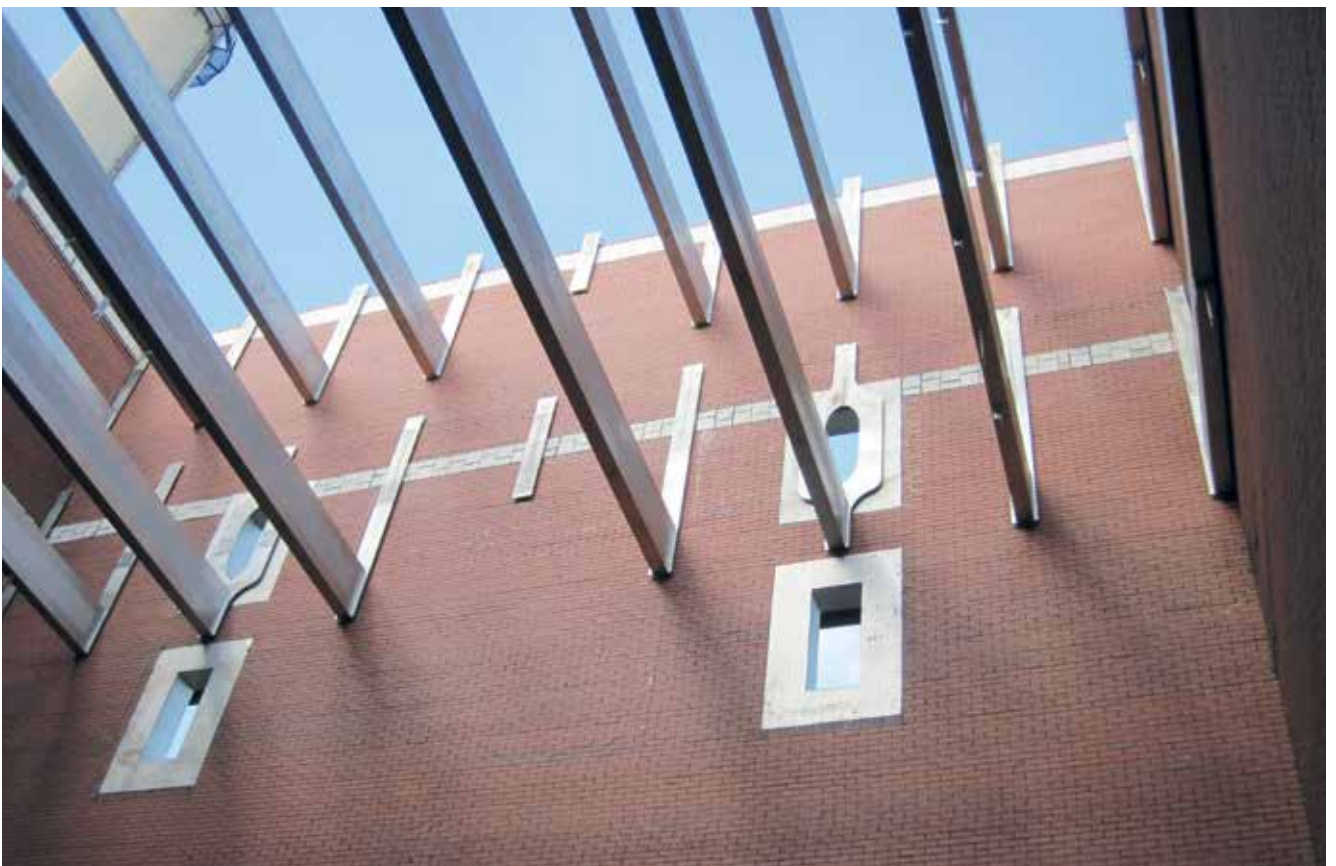


## PRODUCTS AND SYSTEMS FOR CORROSION ENGINEERING



### Asplit® Fields of application

- Chemical industry
- Steel industry
- Extraction of raw materials like metals and rare earth
- Power plants
- Cellulose and paper industry
- Chimney construction
- Foodstuff and beverages industry
- Textile industry
- Waste water industry
- Secondary containments and retention ponds



## EXTENSIVE RANGE OF PRODUCTS

### Phenol resins

- Asplit® CN
- Asplit® CN 916
- Asplit® LC Laminate
- Asplit® LC 916 Laminate

### Furan resins

- Asplit® FN
- Asplit® VP 788
- Asplit® LF Laminate

### Epoxy resins

- Asplit® ET (protective coating, trowellings, mortar)
- Asplit® 876 (primer, laminate)

### Vinylester resins

- Asplit® VEC
- Asplit® VEQ
- Asplit® VEL
- Asplit® VE 145 Laminate
- Asplit® VES
- Asplit® VED
- Asplit® VEDD

### Polyester resins

- Asplit® OC

### Silicate mortar

- Asplit® HB
- Asplit® HES
- Asplit® HSP
- Asplit® K14

### Others

- Asplit® Universal Cleaner
- Asplit® Cleaner N



## REFERENCES



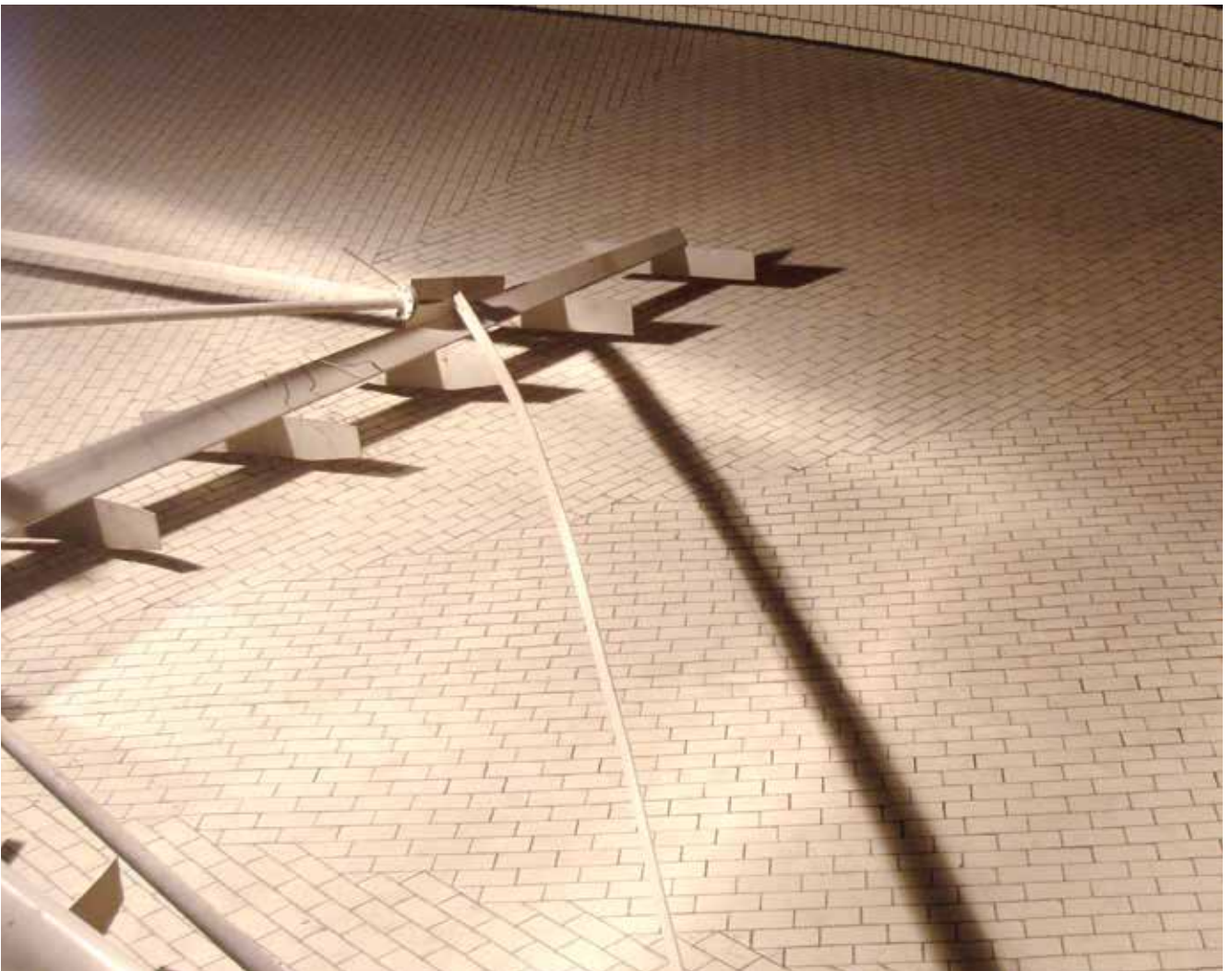
### Comprehensive Consultation

The trademark Asplit® has been a symbol of quality for many decades now. We will be happy to provide extensive consultation when dealing with customised solutions for your system.

We recommend Asplit® materials for use alone or in combination with high quality lining materials.

Our comprehensive product program is available on CD-ROM!

- Request Form
- Resistance List
- Product Data Sheets
- Safety Data Sheets



## ENVIRONMENTAL PROTECTION WITH THE HIGHEST OF DEMANDS

### Asplit® Safety and environment

Consumers' awareness for the environment is continually increasing. Over the past few years, a great many developments to protect both people and the environment have been developed and significant progress has been made. Safety and environmental protection are equally important to us as efficiency in international competitiveness.

To protect the soil, groundwater and substrate, we have evaluated both our own experience in handling acids, alkalis, solvents and other chemicals as well as the experiences of other industries exposed to various pollutants. This continuous optimisation has pushed forward the development of special protective materials. Asplit® mortars are the result of this development. These mortars provide safe protection against aggressive pollutants and destruction when pointing walls and laying floors.



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