

# Asplit®



**"THE ORIGINAL" - FOR CORROSION ENGINEERING**

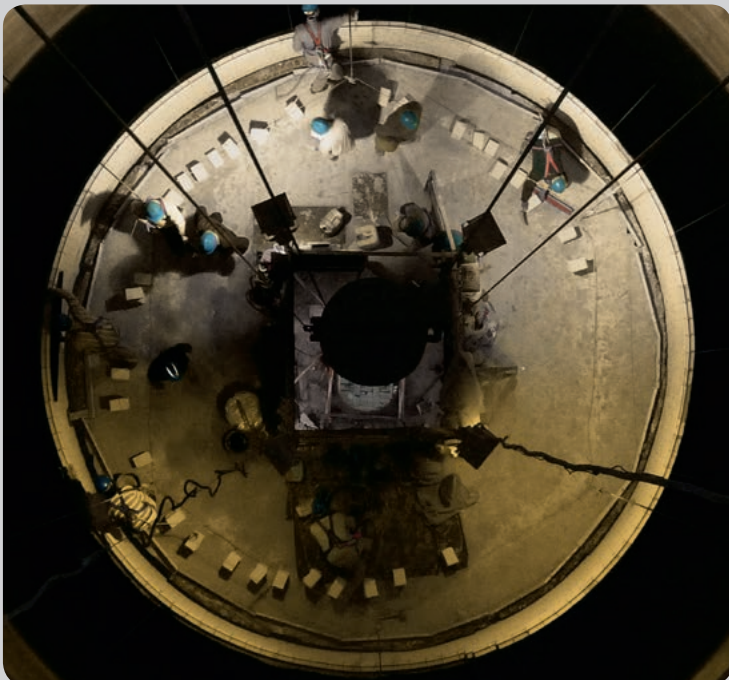
## HISTORY OF ASPLIT®

### 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.



- 1921** Beginning of the development and use of silicate mortars Hoechst (IG Farben)
- 1937** Asplit A – special silicate mortar
- 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



## PRODUCTS AND SYSTEMS FOR CORROSION ENGINEERING

### ASPLIT® FIELDS OF APPLICATION

- Chemical industry
- Steel industry
- Power plants
- Cellulose and paper industry
- Chimney construction
- Foodstuff and beverages industry
- Textile industry
- Waste water industry
- Secondary containments and retention ponds



### 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.



## EXTENSIVE RANGE OF PRODUCTS

### EPOXY RESINS

- Asplit ET (primer, protective coating, thin trowelling, protection of fresh concrete, thick trowelling, screed floor, epoxy mortar)
- Asplit 846 (primer, laminate)
- Asplit ETS (highly abrasive wear-resistant mortar)

### PHENOL RESINS

- Asplit CN
- Asplit CN 916
- Asplit LC Laminate

### FURAN RESINS

- Asplit FN
- Asplit FQ
- Asplit VP 788
- Asplit LF Laminate

### VINYLESTER RESINS

- Asplit VEC
- Asplit VEQ
- Asplit VEL
- Asplit VES
- Asplit Flake M
- Asplit 74 - WHG

### POLYESTER RESIN

- Asplit OC

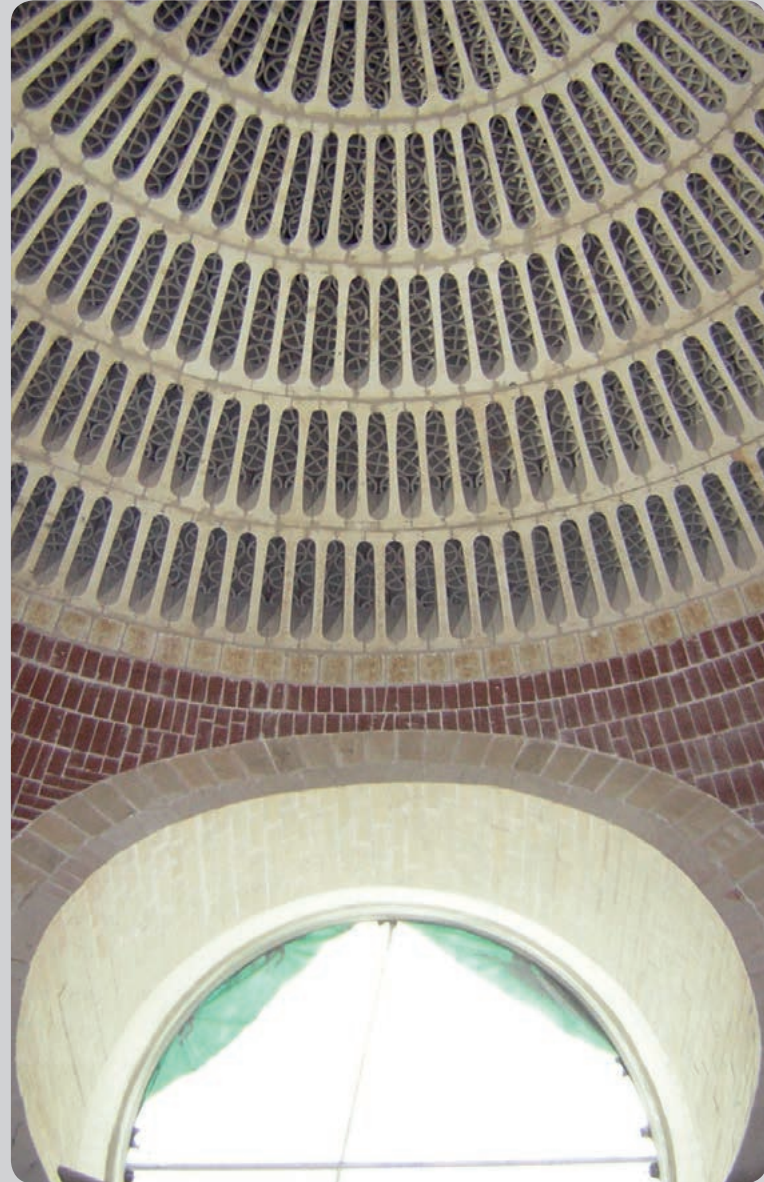
### SILICATE MORTAR

- Asplit HB
- Asplit HES
- Asplit HSP
- Asplit HGL, HGL 704, PCZ
- Asplit K14

### OTHERS

- Asplit Cleaning Agent N
- Asplit Cleaning Agent T 100

At present, further new special mortars and linings are in the testing and application phase.

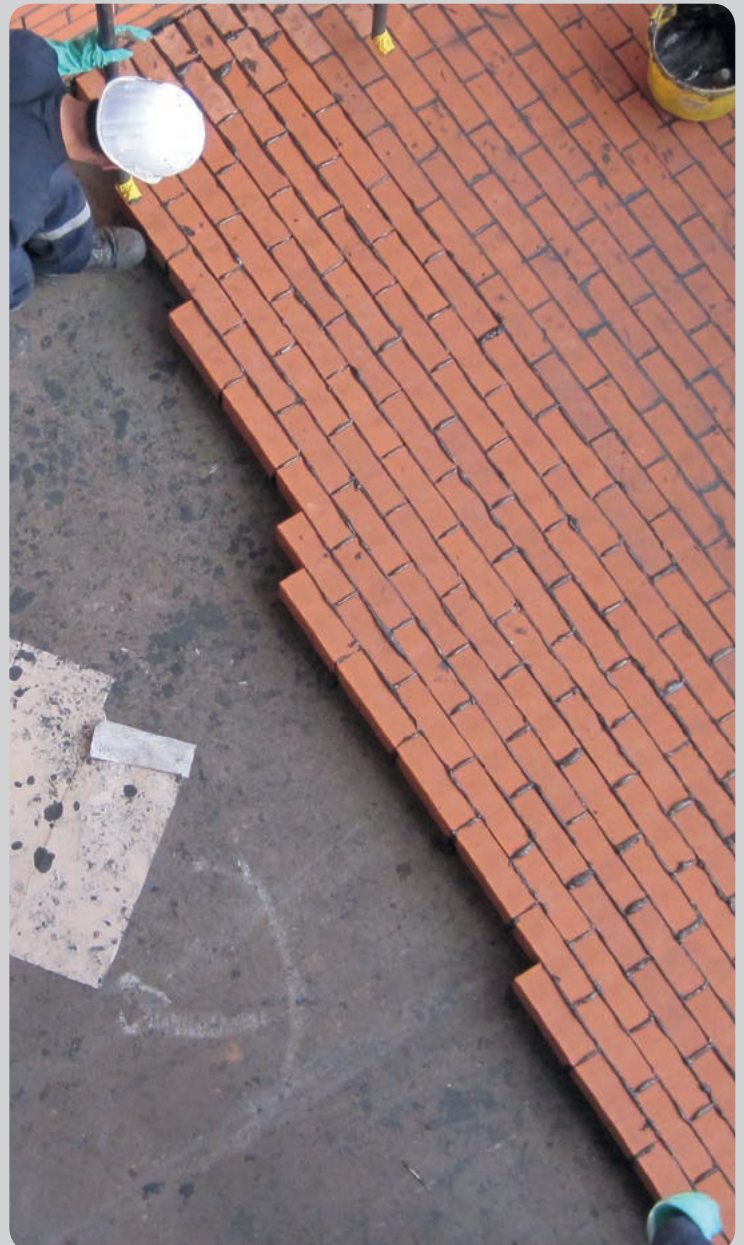
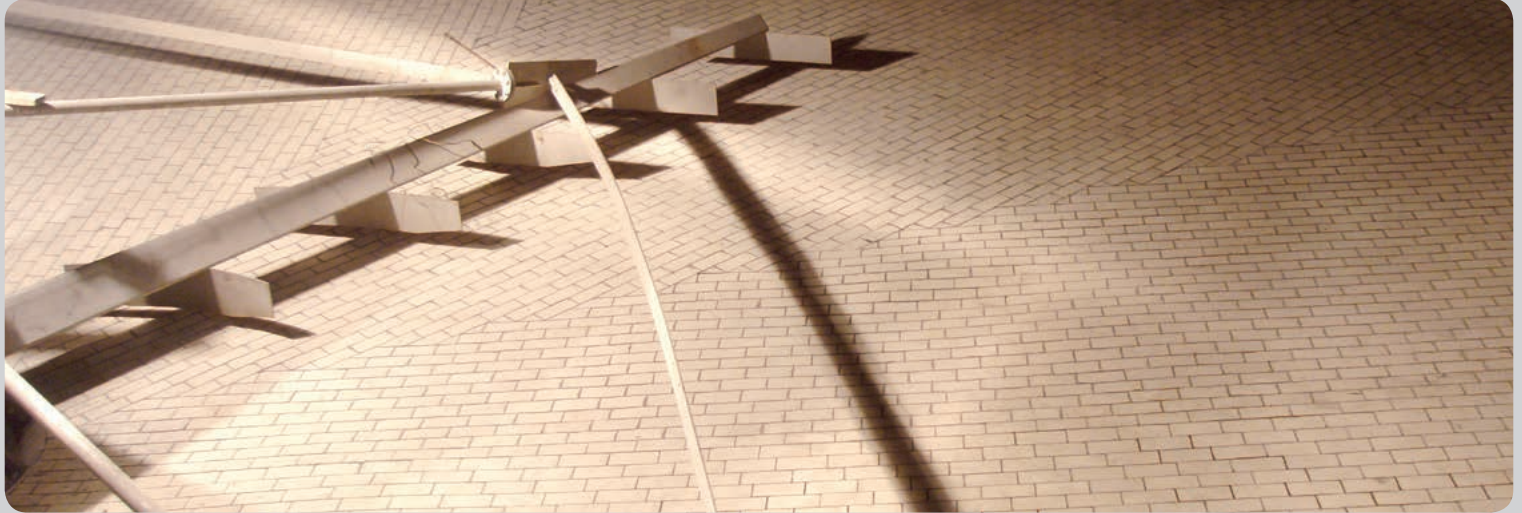


## COMPREHENSIVE CONSULTATION

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.

## REFERENCES



**REQUEST A CATALOGUE!**

**THIS WAY YOU WILL RECEIVE OUR COMPLETE  
PRODUCT PROGRAMME INCLUDING:**

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



## ENVIRONMENTAL PROTECTION WITH THE HIGHEST OF DEMANDS

**Asplit GmbH** · Heuweg 4 · 06886 Wittenberg /Germany · Phone +49 3491 635532 · Fax +49 3491 635552 · [www.asplit.de](http://www.asplit.de)  
Your personal contacts: Michael Wolfsteiner: [michael.wolfsteiner@asplit.de](mailto:michael.wolfsteiner@asplit.de) · Klaus Theobald: [klaus.theobald@asplit.de](mailto:klaus.theobald@asplit.de)

**A subsidiary of TIP TOP Oberflächenschutz Elbe GmbH**