



Construction materials

Stainless Steels

1.34xx
1.44xx
1.4529
1.4539
1.4571
1.4948

Duplex

Lean Duplex

Super Duplex

Titanium

Aluminium

Zirconium

Alloy Steels

Hastelloy C-22
Hastelloy C-276
Haynes 214
Haynes 230
Incoloy 800HT
Incoloy 825
Inconel 600
Inconel 617
Inconel 718
Monel 400

References

Aker Solutions

Akzo Nobel

Avebe

Barr-Rosin

Basell

BASF

Bavaria

Belco

BP

Cabot

Chiyoda

Climax

CB&I

CRI

DSM

Douwe Egberts

Dow Benelux

DuPont

Dynea

Eastman

Emmtec

Eni

ExxonMobil

Escher

Fluor

Foster

GE

Haldor Topsoe

Heineken

Huntsman

Honeywell

Jacobs

JGC Corporation

Dr. W. Kolb

Lyondell

Metso

Pall

PDVSA

Royal Haskoning

Sabir

Wheeler Sasol

Shell

SPX Dehydration

Tebodin

Technip

UHDE



Software

Design software

- Autodesk: Inventor + Autodesk Vault
- Autodesk: Autocad

Pressure vessel calculation software

- Intergraph: PVElite
- CEA Technology: Codex
- Ohmtech: Visual Vessel Design
- Paulin Research Group: Nozzle/Pro

Finite element software

- Siemens: Femap + NX Nastran

Hydraulic design of tray or packed columns and liquid distributors

- Welchem: Trayheart

Design codes and certificates

- Pressure Equipment Directive (PED H, H1, D)
- European Norm (EN-13445, EN-14015)
- Dutch guidelines for pressure vessels (RToD)
- American Standards for Mechanical Engineering (ASME div VIII U1, U2, R1, R2)
- Deutsche Merkblätter (AD-2000, TÜV Nord HP0, TÜV Nord WHG)
- British Standards (PD-5500)
- CODAP division 1 & 2
- American Petroleum Institute (API-560, -620, -650)
- Manufacturing License China (SQL)
- KIWA



Manufacturing capabilities

FIB Industries BV

Einsteinweg 18
8912 AP Leeuwarden NL

T +31 (0)58 - 294 59 45

F +31 (0)58 - 212 57 42

E info@fib.nl

I www.fib.nl

Founded:	1946
Company premises:	55,000 m ²
Workshop area:	13,500 m ²
Maximum diameter:	9 meters
Maximum length:	45 meters
Maximum weight:	300 tons
Maximum height:	20 meters