

BELZONA® KNOW-HOW

FOR THE REPAIR, RENOVATION AND RECLAMATION OF

TANKS AND CHEMICAL CONTAINMENT AREAS



BELZONA® TCC SYSTEM SELECTOR FOR TANKS AND CHEMICAL CONTAINMENT AREAS

| SYSTEM | APPLICATION |
|----------------|---|
| Belzona TCC-1 | Sealing cracks, porous welds, bolted and riveted joints on tanks |
| Belzona TCC-2 | Sealing seams on floating tank tops |
| Belzona TCC-3 | Waterproofing and insulation protection |
| Belzona TCC-5 | Rebuilding and protecting steelwork |
| Belzona TCC-6 | Re-forming tank support for perfect fit and to provide insulation |
| Belzona TCC-7 | Securing loose anchor bolts |
| Belzona TCC-8 | Applying non-skid surfaces to pedestrian areas |
| Belzona TCC-9 | Repairing damaged concrete and restoring draining |
| Belzona TCC-10 | Reseating drain covers and gratings |
| Belzona TCC-11 | Rebuilding damaged expansion joint edges |
| Belzona TCC-12 | Sealing expansion and construction joints |
| Belzona TCC-13 | Bonding and grouting chemical resistant tiles |
| Belzona TCC-14 | Repairing/resurfacing floating tank top seals |
| Belzona TCC-15 | Sealing and protecting containment areas |

BELZONA KNOW-HOW

In addition to Tanks and Chemical Containment Areas, Belzona's Know-How extends to the repair, renovation, and reclamation of:

- Centrifugal Pumps
- Heat Exchangers
- Mechanical Power Transmission
- Ships and Offshore Structures
- Valves, Pipes and Fittings
- Positive Displacement Pumps
- Solids Handling Machinery
- Fans, Blowers and Compressors
- Engines and Casings
- Gaskets, Seals and Shims
- General Equipment

Please call or write for additional Information.



BS EN ISO 9001 - 2000
Certificate No. Q09335

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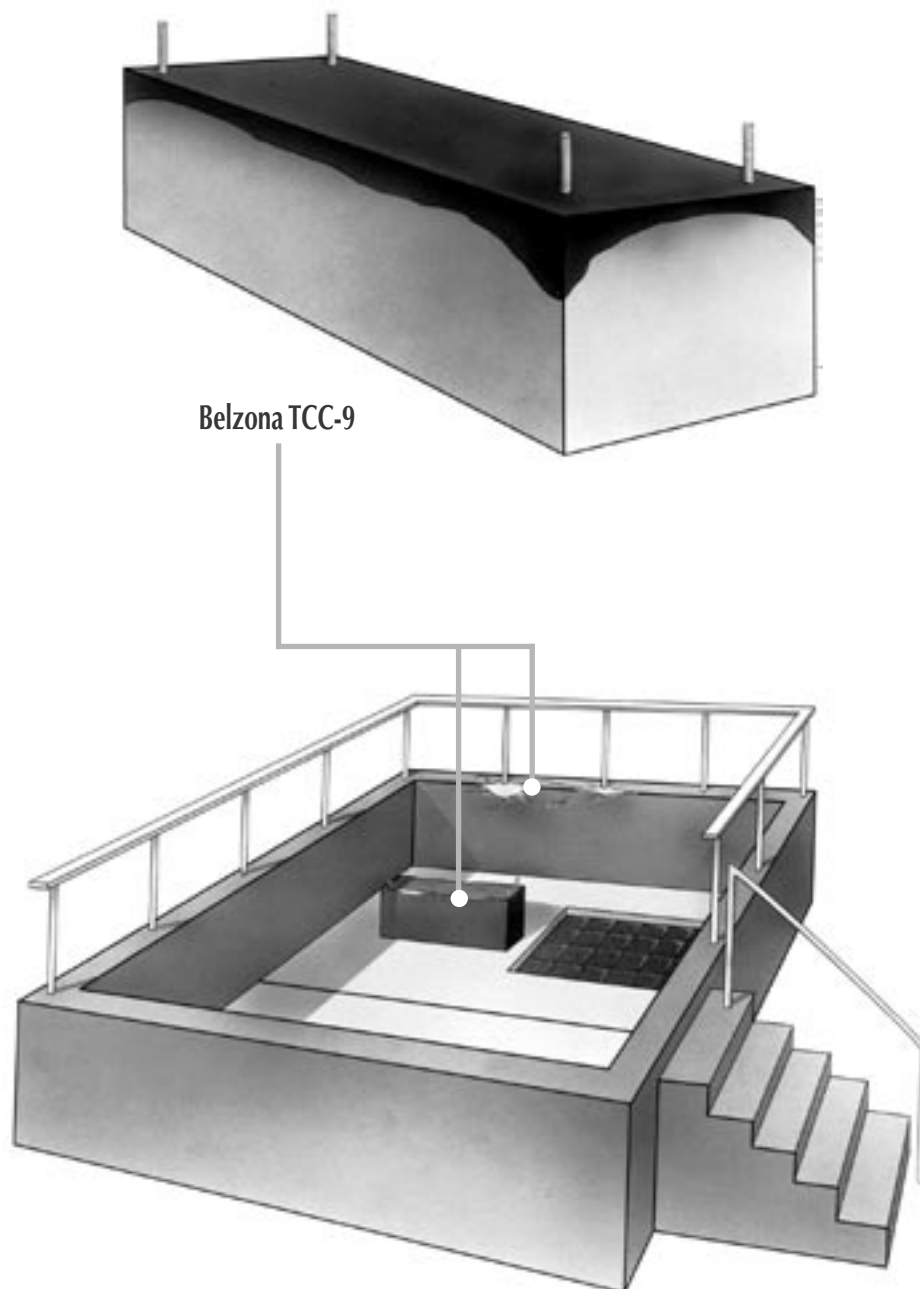
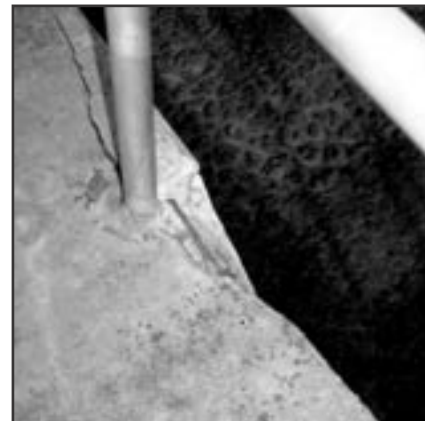
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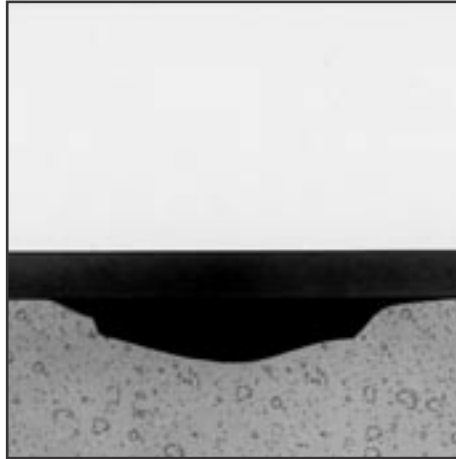
REPAIR AND REBUILDING

- Repair damage to floors and retaining walls.
- Reslope to restore proper drainage of floors and pads.
- Rebuild pump and tank bases. Refer to Belzona TCC-9.
- Reseat drain covers and gratings. Refer to Belzona TCC-10.

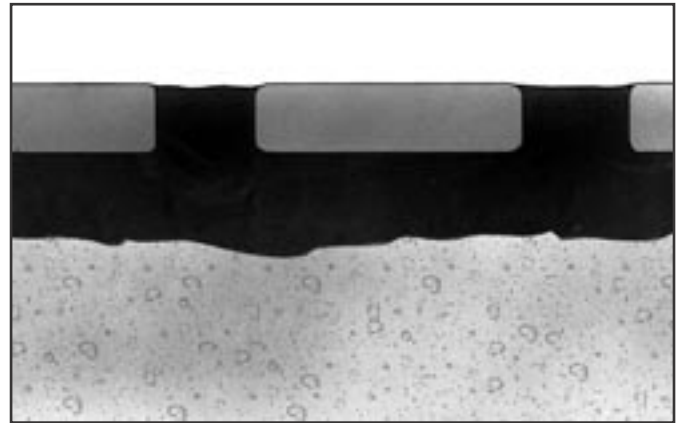


COATINGS AND LININGS

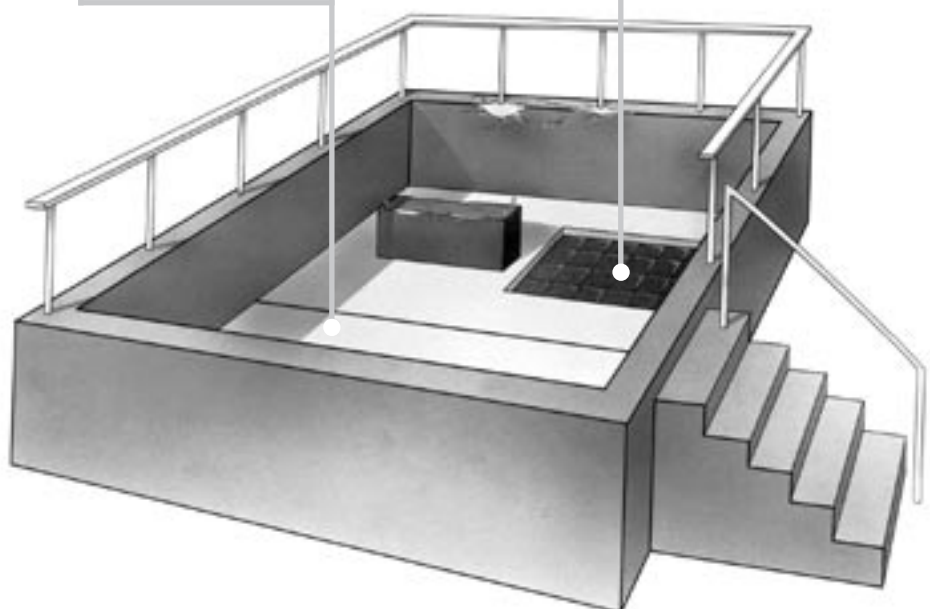
- Bond and grout chemical resistant tiles in place.
Refer to Belzona TCC-13.
- Coat containment areas to protect against chemical attack.
- Seal porous concrete.
- Repair existing linings.
Refer to Belzona TCC-15.



Belzona TCC-15

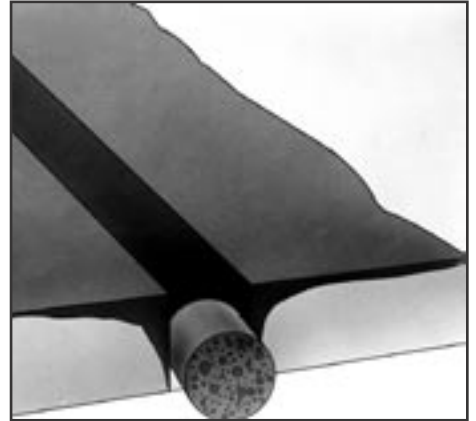


Belzona TCC-13



JOINTS AND CRACKS

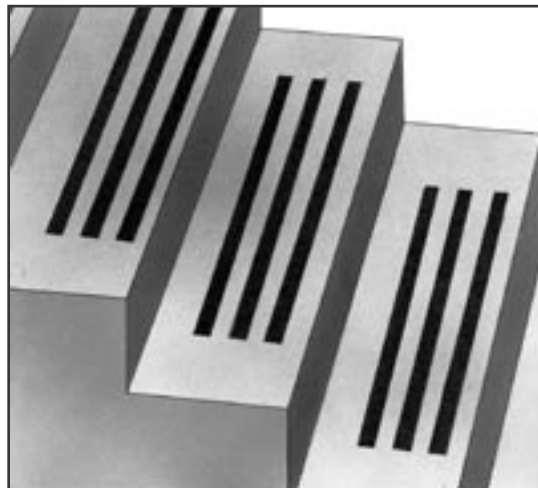
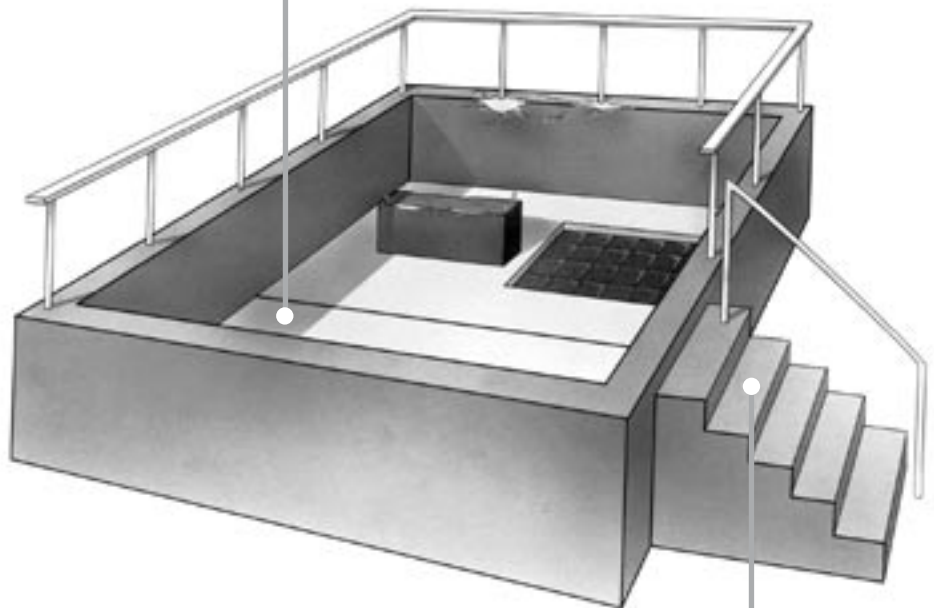
- Seals cracks.
Refer to Belzona TCC-9.
- Rebuild damaged expansion joint edges.
Refer to Belzona TCC-11.
- Seal expansion/construction joints.
Refer to Belzona TCC-12.



Belzona TCC-11, TCC-12

SAFETY

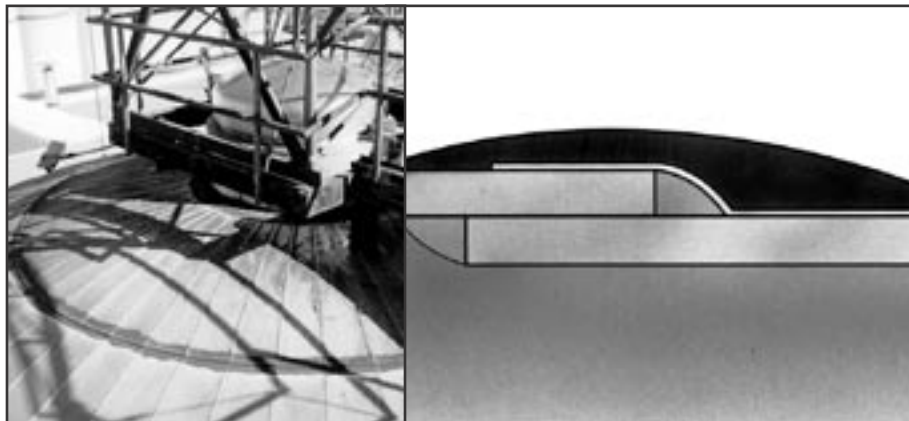
- Apply a non-skid surface to floors and tops of retaining walls.
Refer to Belzona TCC-8.



Belzona TCC-8

TANK TOPS

- Seal seams on floating tank tops.
Refer to Belzona TCC-2.
- Waterproofing.
Refer to Belzona TCC-4.
- Rebuild corrosion pitting.
- Protect against chemical attack.
Refer to Belzona TCC-5.
- Repair/resurface floating tank top seals.
Refer to Belzona TCC-14.



Belzona TCC-2



Belzona TCC-8

SAFETY

- Apply non-skid surfaces to tank tops, ladder rungs, and catwalks.
Refer to Belzona TCC-8.



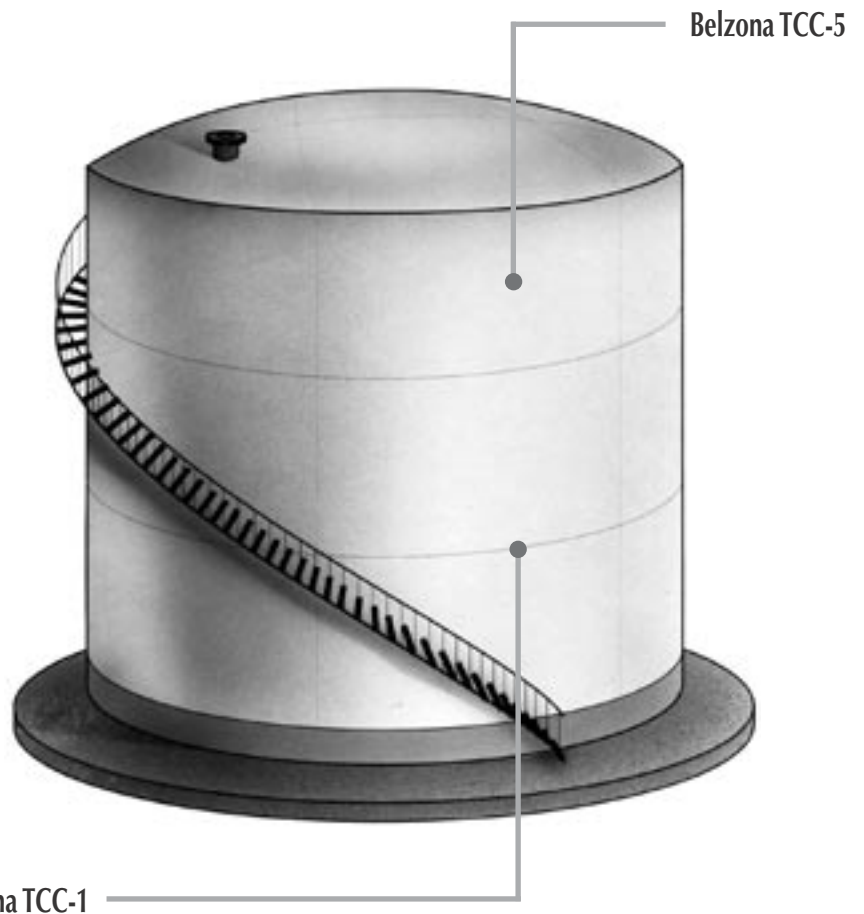
INTERNAL STRUCTURES

- Protect internal steelwork against corrosion and chemical attack.
- Rebuild and seal baffles and division plates.
Refer to Belzona TCC-5.



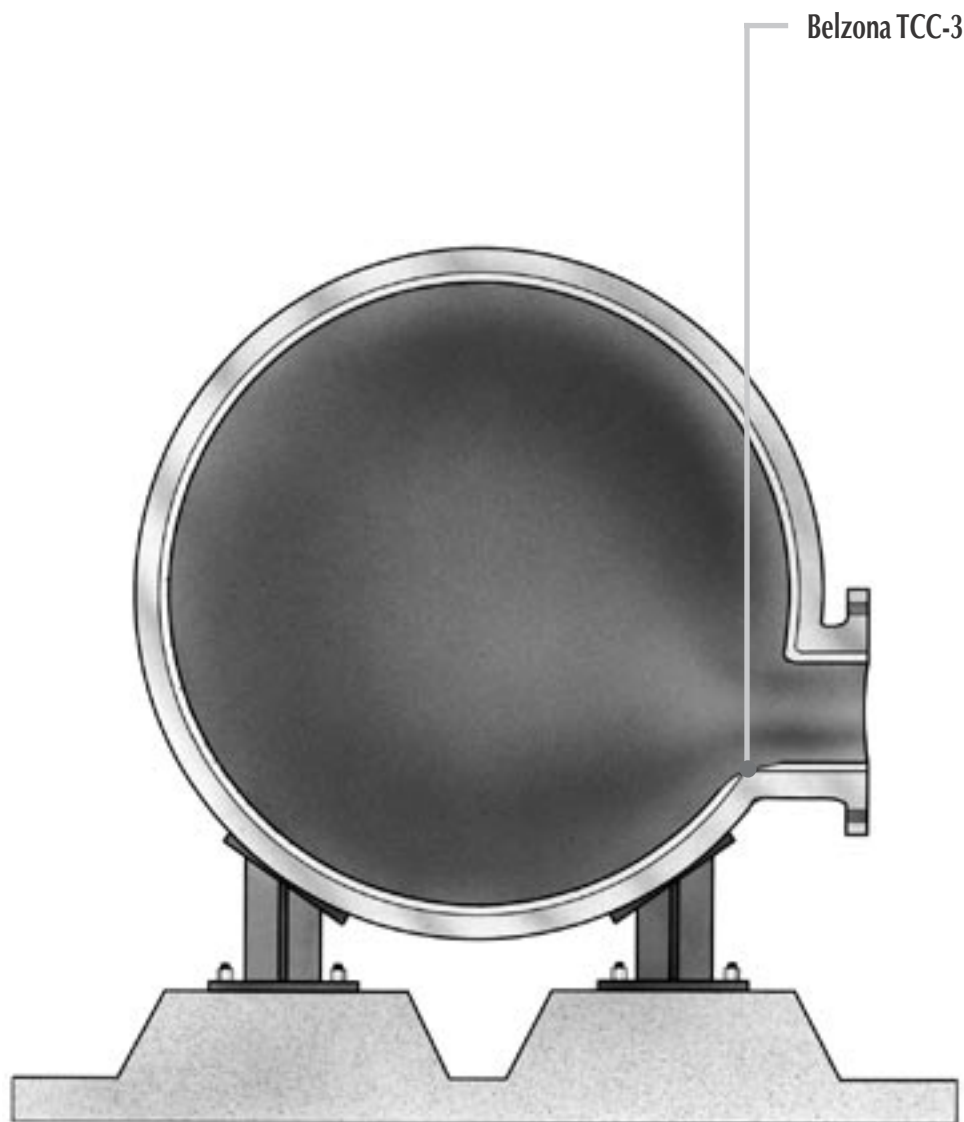
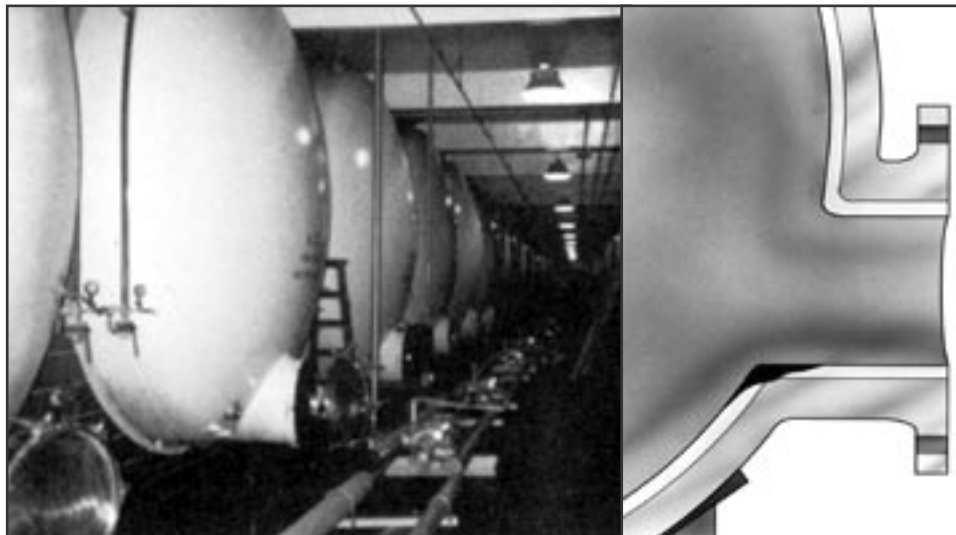
SEAMS AND PENETRATIONS

- Seal cracked or porous welds.
- Seal bolted or riveted joints.
- Protect weld seams from corrosion and chemical attack.
- Repair leaks around manways and ports.
Refer to Belzona TCC-1.



FORROS

- Repair/renew damaged coatings.
Refer to Belzona TCC-3.
- Rebuild and protect interior surfaces against corrosion or chemical attack.
Refer to Belzona TCC-5.



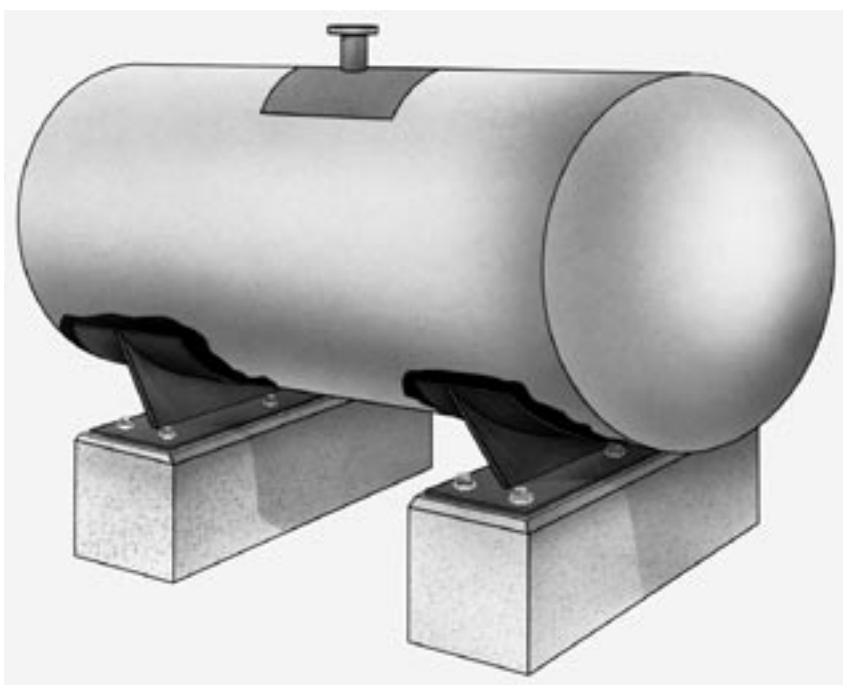
Belzona TCC-3

INSULATION AND ENERGY CONSERVATION

- Protect soft insulation against impact damage.
- Waterproof insulation and claddings.
Refer to Belzona TCC-4.
- Coat exposed tank tops and wall surfaces to reduce thermal loading.
- Coat exposed tank tops and wall surfaces to reduce condensation.



Belzona TCC-4



EXTERNAL STRUCTURES AND SUPPORT

- Protect external steelwork against corrosion and chemical attack.
Refer to Belzona TCC-5.
- Ref-form saddle supports for horizontal tanks.
- Provide electrical insulation between tank and support.
Refer to Belzona TCC-6.
- Secure loose anchor bolts.
Refer to Belzona TCC-7.



Belzona TCC-7