



Practical tips for laying vitrified clay pipes professionally



الشركة السعودية لإنتاج الأنابيب الفخارية المحدودة
SAUDI VITRIFIED CLAY PIPE CO., LTD.

Table of contents

1. Unloading of the truck.....	3
2. Storage on site.....	5
3. Transportation to the pipe trench.....	6
4. Installation.....	7
5. Excavation and compaction.....	10
6. Accessories.....	13
7. Water test.....	14
8. Air test.....	15

© SAUDI VITRIFIED CLAY PIPE CO., LTD., 2005
All rights reserved

No part of this text may be reproduced, processed using electronic systems, duplicated or distributed in any way (e.g. by photocopying, microfilming or by any other process) nor may it be used for databases without in each case the written authorization of the publisher.

1. Unloading of the truck

Pipes are to be checked on unloading. Possible damages must be reported on the delivery note. Checking can be done with talcum (see pg 7)

a) With crane or excavator

- Use lifting belts; chain or ropes may not be used.
- The lifting belts must be placed outside around the pallets and outside the base timber.

correct (✓)



wrong (✗)



- Steer the pallets manually to prevent them colliding with anything.
- Do not move the pallets on the truck with the aid of levers or crowbars.
- Do not allow the pipes to be impacted by any hard object (e.g. crane hook, chain etc.).

b) With forklift truck

Correct:

- When placing the pallets transversely on the forks, make sure the forks are positioned sufficiently widely apart.
- When placing the pallets longitudinally on the forks, place protective timber between the parcel and the fork's base. Better is to transport the parcel in transversal direction on the forkteeth.
- When transporting individual pipes by sliding a tooth into a pipe, always have protective material between the forks and the pipe.

correct (✓)



wrong (✗)



2. Storage on site

- Do not put the pallets down on to hard ground with a bang.
- Put the pallets down only on ground that is sufficiently hard to prevent the base timber sinking into it.
- Leave sufficient space between individual pallets.
- To avoid damage to the sealing elements, store individual pipes only on a wooden base.

correct (✓)

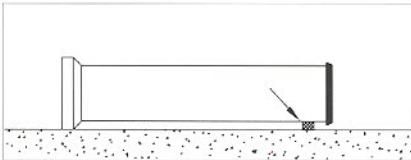


wrong (✗)



- Store fittings standing upright on their sockets.

correct (✓)



wrong (✗)

