

CEN product standards – 9 ready

- ◆ **EN 13566**
Plastics piping systems for renovation of underground non-pressure drainage and **sewerage networks**
 - Part 1 General
 - Part 2 Lining with continuous pipes
 - Part 3 Lining with close-fit pipes
 - Part 4 Lining with cured-in-place pipes
 - Part 7 Lining with spirally-wound pipes (out for Formal Vote)
- ◆ **EN 14409** / **EN 14408**
Plastics piping systems for renovation of underground **water supply networks** / **gas supply networks**
 - Part 1 General
 - Part 3 Lining with close-fit pipes

Format of the renovation standards

General definitions in standards Renovation

rehabilitation
all measures for restoring or upgrading the performance of an existing pipeline system

renovation
work incorporating all or part of the original fabric of the pipeline by means of which its current performance is improved

replacement
rehabilitation of an existing pipeline system by the installation of a new pipeline system, without incorporating the original fabric

technique family
group of renovation techniques which are considered to have common characteristics for standardisation purposes

Technique related definitions

e.g. in EN 13566-3 :

close-fit
situation of the outside of the installed liner relative to the inside of the existing pipeline, which may either be an interference fit or include a small annular gap resulting from shrinkage and tolerances only

close-fit pipe
continuous lining pipe of thermoplastic material reshaped or otherwise expanded after insertion to achieve a close fit to the existing pipeline

General definitions in standards Renovation

“M” stage
stage as manufactured, before any subsequent site processing of components

“I” stage
stage as installed, in final configuration after any site processing of components

Quality Assurance of Liners