

PRE-ASSEMBLY STACK SOLUTIONS

THE SERVICE OFFERS SO MUCH MORE THAN JUST PRE-ASSEMBLY.

This service requires close collaboration between the complete supply chain. We will manage the process from product selection, bespoke stack design, manufacture, distribution with our partners and on site assistance. The results will provide a reduction of time on-site with the added assurance of the consistent product assembly and a reduction of on-site scrap parts and packaging.



ON-SITE BENEFITS

- > Reduces on-site installation time by up to 60%
 - > Reducing on-site labour costs
- > All stacks are air tested at the factory as standard, before dispatch
- > Stacks supplied in purpose-made stillages
 - > For robust storage
 - > For easy movements on site
- > Minimal on-site wastage
 - > No surplus products ordered
 - > Reduced pipe cutting
 - > Packaging will be reduced so this removes packaging scrap from your site
- > Cast iron flexibility
 - > Connecting pipe between floors cut on-site to allow for on-site variances
- > Designed for one-person handling

MATERIAL BENEFITS

- > Cast iron pre-assembled stack solutions are fire rated to the safest level possible, A1.
- > Acoustically cast iron is the quietest material on the market
 - > May not need additional insulation
- > Flexible couplings with high speed assembly
 - > The stainless steel rapid coupling is nearly 3 times quicker than fusion welded joints in HDPE — (Luckins pricing guide)
- > No concern about expansion when temperatures fluctuate
 - > Cast iron pre-assemblies will remain straight and not bow

DESIGN BENEFITS

- > Early collaboration ensures optimised stack designs offering the best solutions
- > Drawings provided for approval
- > Greater level of accuracy



We will work with you at the start of the project to identify the most effective use of products.



Your stacks will be designed from our current offer of Pre-Assembly stacks or we will design a bespoke stack for your project.



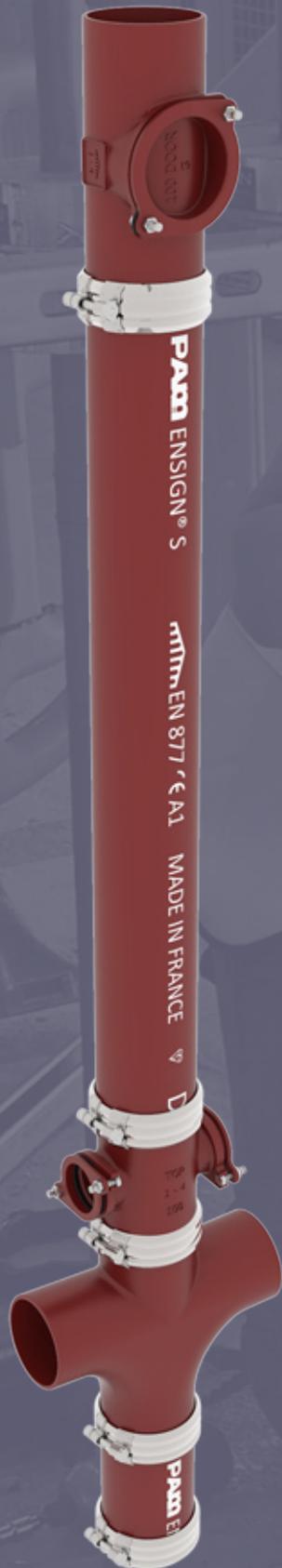
Once the drawings have been signed and we have your order, your stacks will be Pre-Assembled within 2 weeks.



Delivery can be planned to the hour



Installation will be 60% faster on-site



THE SERVICE



STAGE 1

EARLY COLLABORATION

Our team will engage with you at the early stages of the project to evaluate the possibilities and benefits of using a pre-assembly solution. Through early collaboration the team can identify any unique requirements and design a solution to meet your needs.



STAGE 2

ESTIMATION

From the designs the technical team can calculate an accurate initial estimation.

STAGE 3

STACK DESIGNS APPROVAL

PAM Building will provide detailed CAD drawings and 3D models of the stack arrangements for site approval. The stacks are fully compliant with BS EN 12056-2:2000 ensuring all soil stack branches are swept radius in accordance with the guidelines.

STAGE 4

SIMPLIFIED ORDERING THROUGH THE MERCHANT

Our pre-assembly stacks are set up with a standard product code and are ordered in the same way as standard individual Ensign components, through the merchant distributor.



STAGE 5 ASSEMBLY AND AIR TEST

The ordered stack arrangements are then assembled within 2 weeks in a purpose made stillage at the PAM Building manufacturing site in Telford. When each stack is fully assembled it is air pressure tested as standard to 0.5 bar for 5 minutes exceeding the requirements of BS EN 12056-2:2000, saving considerable on-site labour time. The stacks are then labelled with the relevant location reference and floor level in accordance with the drawings.



STAGE 6 LOGISTICS

The unique stillages are designed to restrict movement of the stack assemblies during transportation to the project site. The stillage design also allows for easy off-load via fork lift or hoist and have wheels fitted to facilitate movement around the site.



STAGE 7 FLEXIBILITY ON-SITE

Our pre-assembly soil stacks are based on a standard 1.75m length. The stacks are designed to be suitable as a one-person lift and average around 20 kg, falling well within the health and safety guidelines. To fully connect each floor a soil pipe is cut on site, which allows flexibility for any site variances.



STAGE 8 INSTALLATION SUPPORT

The PAM Building team will liaise with stakeholders throughout the project providing guidance and support to ensure a smooth installation.