

Simple installation, distortion solutions and a neat finish

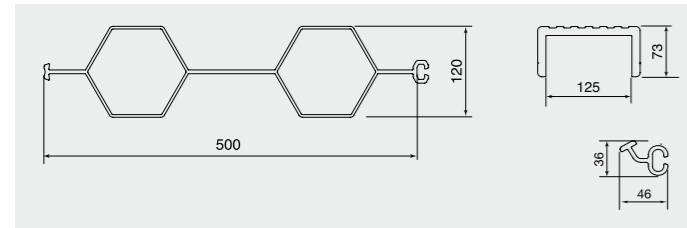
The lightweight bulkheads are easily installed with the Prolock pile-driving frame. Each bulkhead allows a distortion of about 15 degrees. Special angle profiles are available for any other desired angles. The top of the bank protection can be neatly finished with the Prolock Sigma plastic pile cap. A wooden pile cap can also be used to finish the bank protection.

Prolock Omega: a heavier-duty solution

Prolock Omega is the robust version of our bank protection. It is used as a heavy-duty sheet-pile construction in canals, rivers, lakes and marinas. Replacing the wooden piles by steel tubular piles makes even heavier-duty dams possible. Visit our website for more information, or call 0523-654011 and ask for our brochure.

Decades of experience and material know-how

Profextru has more than 60 years of experience in the development and manufacture of specific containment solutions in both hydraulic and civil engineering and in road construction. All products are designed and produced in conformity with the Quality Assurance system ISO 9001 and the Environmental Management system ISO 14001. At your request, we can carry out strength calculations according to the guidelines described in the CUR166 handbook entitled Sheet Pile Constructions (in Dutch). We can then make a reliable decision together.



More information or an appointment

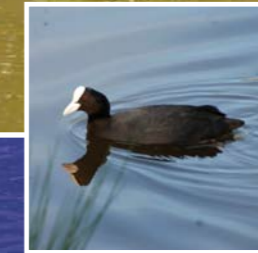
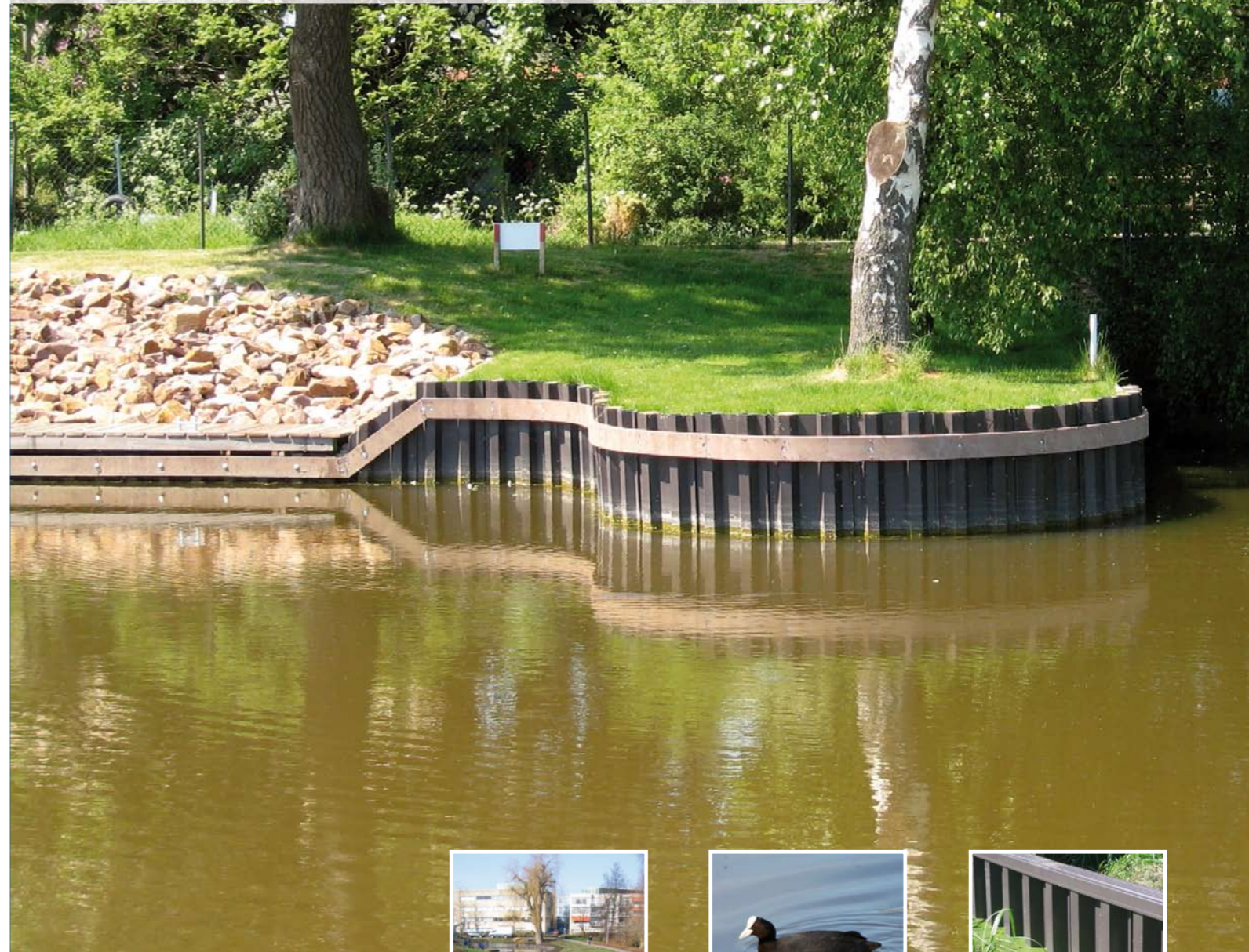
For more information about and insight into projects carried out by Profextru, visit www.prolock.nl. To make an appointment, call +31 (0) 523 654 011.

Prolock Sigma consists of 100% recycled plastics, entirely developed according to the cradle-to-cradle principle.



Sigma

Sustainable and environmentally sound bank protection for ponds and ditches



Produced by **Profextru**
PLASTIC PROFILES



Prolock Sigma

leader in sustainable sheet-piling

Very environmentally sound

Prolock Sigma consists of 100% recycled plastics, entirely developed according to the cradle-to-cradle principle. No oxygen reaches the piles below the waterline, which means they cannot rot. This is why the lifespan of the piles is the same as that of the boards. The strength of the construction is calculated for the length of the piles below the waterline in combination with the height of the boards. This method contributes to using less tropical hardwood. In addition, Prolock Sigma does not contain any harmful substances. Prolock Sigma is the sensible choice!



The most durable solution at an especially friendly price

The excellent price/quality ratio is created by the inventive and patented combination of materials and the extremely low maintenance costs. The short plastic bulkhead and the longer softwood piles mean a considerable reduction in material costs. The simple installation also has a cost-efficient impact on the project price.



An innovative Dutch quality product

Profextru developed Prolock Sigma over ten years ago, and it has since become the leading environmentally sound product for use in sheet-pile constructions. The combination of plastic and untreated softwood provides unprecedented advantages: it is extremely durable above the waterline and extremely strong below the waterline. The variable length of both the piles and the plastic boards facilitate numerous constructions. If extra rigidity and strength are required, durable hardwood piles or steel tubular piles can be used. The plastic boards have a dark brown, long-wearing top layer with its unique UV protection, guaranteeing a lifespan of at least 50 years.

Strong and flexible

The combination of wood and plastic creates the required rigidity. Prolock Sigma is ideal for bank protection, cut-off walls, and low dams. The hundreds of projects carried out to date are proof of this. It can be used for straight banks, but its flexibility makes it ideal for application to curving banks. Any design can be implemented in perfect detail with Prolock Sigma. The boards can be delivered in all lengths, up to eight metres.

A lifespan of at least 50 years – thanks to the dark brown, long-wearing top layer with its unique UV protection.

What makes Prolock Sigma so special?

