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RESPONSIBLY PRODUCED TIMBER

Wijma operates its own concessions in West Africa where various species of timber are felled by our own workers, using responsible methods. This includes many timber species as well as timber bearing the FSC label.

Our concessions and our trading contacts enable us to supply an extremely wide range of timber products in just about any species and grade.

Where non FSC-labelled timber is concerned, we also do all we can to verify the origin and legality of the timber.

ENVIRONMENT

Timber isn't just organic: to grow a cubic metre of wood requires little more than solar energy! Wood places virtually no strain on the environment while it is growing, during its use, and even afterwards.

By and for nature: timber is energy-efficient, sustainable, and naturally beautiful.

WIJMA - BANK PROTECTION



The most natural form of water retention: sheet piling and bank protection made from wood.



Printed on chlorine-free paper which conforms to ISO 91400, EMAS and FSC norms.



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Subsidiary of the Koninklijke Houthandel G. Wijma & Zonen B.V.

Wijma

The Netherlands, Brazil, Cameroon, France, Germany, Ghana, Great Britain, Ivorycoast.

Natural companion and retainer for salt or fresh water.

Wattle mats are normally constructed from strips 5 - 7mm thick and 100mm wide, which are woven every 500mm. Standard fixing material for the strips are galvanised rivets, stainless steel rivets are available (on request). The mats can be supplied in heights of up to 200cm and in lengths from 200 - 500cm, with 50cm increments. The mats can be fitted with a porous, sand-resistant synthetic fabric.

The mats are often used in a joint construction with Azobé (Ekki) posts 40 x 40mm, 50 x 50mm or 60 x 60mm in dimension, whereby in principle the length of the pile should be approximately three times the height of the wattle mat.

Bank boards Bank boards are normally constructed from planks 100, 150 and/or 200mm wide. Clamping distance is 1,000mm centre-to-centre, whereby the starting clamp is 20 x 100mm and the end clamp is 20 x 150mm. Standard fixing material for the clamps and planks are galvanised rivets, stainless steel rivets are available (on request).



Bank boards can be supplied in thicknesses from 15 to 30mm, the most common thickness being 20mm. The height of the bank board can vary from 40 to 200cm. Popular lengths are 200, 300, and 400cm. A porous, sand-resistant synthetic fabric can also be supplied.

In the construction the bank boards are often fitted in combination with Azobé posts 60 x 60mm, 70 x 70mm or 80 x 80mm in dimension, whereby in principle the length of the post should

be approx. three times the height of the bank board.

Sheet piling is normally supplied in variable plank-widths from 150mm and up, and usually features a tongue and groove profile in the length. Bottom side bevelled on the groove edge. 1:10 metre plank wedges can be supplied on request.

Standard dimensions for sheet piling are: up to 400cm long at 40mm thick, up to 500cm long at 50mm thick, and up to 600cm long at 50mm thick, all with standard increments of 50cm. we can of course supply other dimensions, whereby 850cm long at 120mm thick is the maximum.

Waling is normally supplied in sawfelling lengths between 300 and 600cm. Waling is available in a wide range of measurements, whereby 50 x 100mm and 100 x 150 are the most popular. Available finishes: bevelled edges, straight or angled chamfers, or planed to size to fit steel profiles.



A good and logical combination...

Wood and water form a good and logical combination by nature. Provided the right type of timber is chosen, and the right construction used, a timber bank protection or timber sheet piling is both long-lasting and relatively inexpensive, and what is more, it looks good! Wijma's sales department has a wealth of experience at its disposal concerning the use of timber in civil and hydraulic engineering applications.

Because we have acquired a good deal of expertise about all suitable types of timber like Azobé (Ekki) and Tali over the years, and also have most species of timber available in stock, we are able to carry out work with the minimum of delay.

Any simple orders you may have, such as large volumes of timber cut to equal length or thickness, can be straightforwardly processed by Wijma's sawmills.

