

DSB-Products in the PULP and PAPER-INDUSTRY

Contents

1	<i>Tanks lined with DSB-Materials</i>	<i>1</i>
2	<i>Sales- and Technical-Force of DSB-Export</i>	<i>2</i>
3	<i>Casestudies.....</i>	<i>3</i>
4	<i>DSB-Materials for the Pulp and Paper-Industry.....</i>	<i>11</i>
4.1	<i>Mortars:</i>	<i>11</i>
4.2	<i>Bricks:</i>	<i>11</i>
4.3	<i>Membranes</i>	<i>11</i>
5	<i>DSB-References.....</i>	<i>12</i>


1 TANKS LINED WITH DSB-MATERIALS

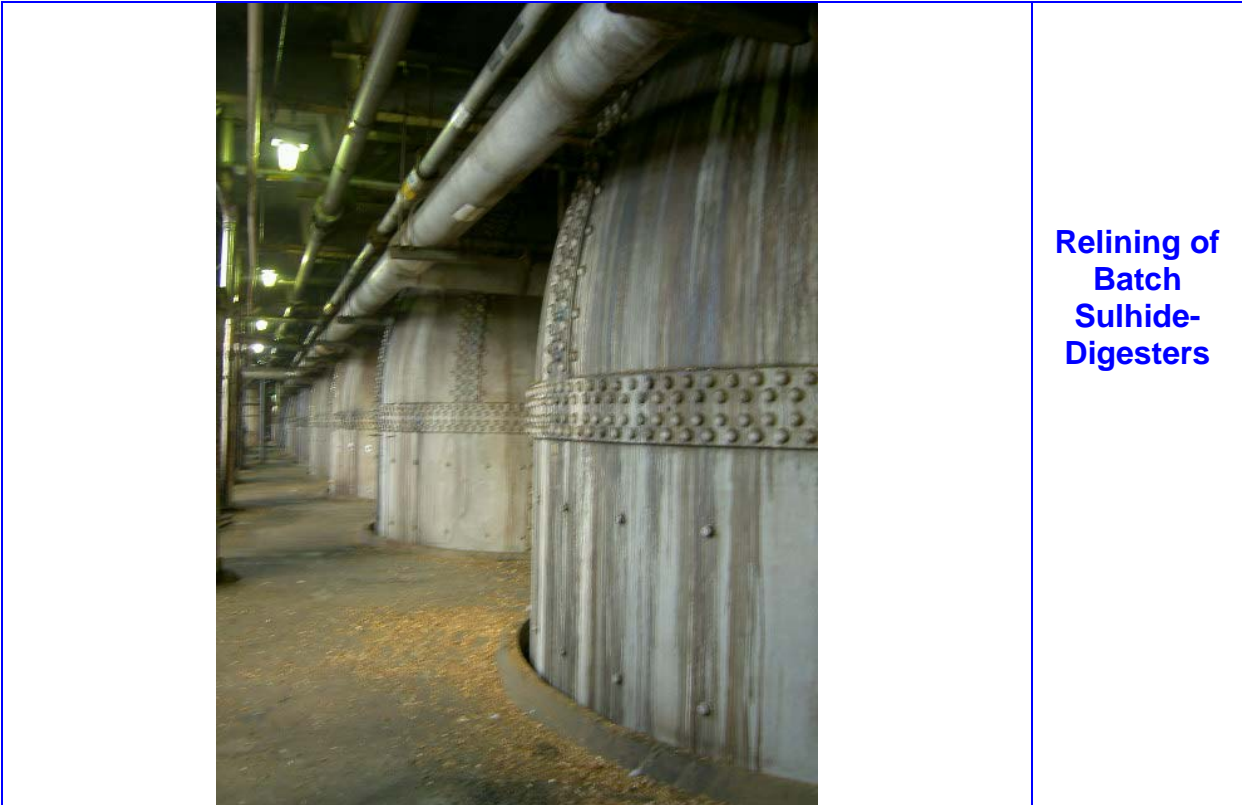
- Bleaching towers, D1, D2
- Pre-tubes
- Drains +Floors
- H2S-Burners
- White Water Chests
- White Water Flume
- Laitance Chests
- PP-Chests
- Heat Exchangers
- Couch pits
- HD-Storage Towers
- Digesters
- Accumulators
- White Water Silo
- Dry End Broke Pulper
- Wire Pits
- Gas-Scrubbers
-

2 SALES- AND TECHNICAL-FORCE OF DSB-EXPORT

Irene Korn Jebrini Telephone: 49-(0)-2223-928-240 Fax: 49-(0)-2223-928-275 E-Mail-address: i.korn-jebrini@didiersb.de	Sales Manager
Barbara Wichtrey Telephone: 49-(0)-2223-928-345 Fax: 49-(0)-2223-928-275 E-Mail-address: b.wichtrey@didiersb.de	Sales Manager
Katharina Yacoub Telephone: 49-(0)-2223-928-261 Fax: 49-(0)-2223-928-275 E-Mail-address: k.yacoub@didiersb.de	Sales Manager
Hans-Peter Eschweiler Telephone: 49-(0)-2223-928-292 Fax: 49-(0)-2223-928-275 Mobile: 49-(0)-151-54448-676 E-Mail-address: hp.eschweiler@didiersb.de	Project Manager
Stefan Henneking Telephone: 49-(0)-2223-928-259 Fax: 49-(0)-2223-928-275 E-Mail-address: s.henneking@didiersb.de	Project Manager
Holger Kalt Telephone: 49-(0)-2223-928-282 Mobile: 49-(0)-151-54448-675 E-Mail-address: h.kalt@didiersb.de	Project Manager
Horst Feldheiser Telephone: 49-(0)-2223-928-256 Fax: 49-(0)-2223-928-275 Mobile: 49-(0)-151-54448-671 E-Mail-address: h.feldheiser@didiersb.de	Export Manager
Hans-Dekreon Telephone: 49-(0)-2223-928-281 Fax: 49-(0)-2223-928-452 Mobile: 49-(0)-151-54448-674 E-Mail-address: h.dekreon@didiersb.de	Technical Manager
Alexandra Sinzig Telephone: 49-(0)-2223-928-359 Fax: 49-(0)-2223-928-452 E-Mail-address: a.dobbeck@didiersb.de	Design, Engineering
Volker Berressem Telephone: 49-(0)-2223-928-280 Mobile: 49-(0)-151-54448-694 E-Mail-address: v.berressem@didiersb.de	Site Manager

3 CASESTUDIES

			<p>Lining and Relining of Up- + Downstream Bleaching Towers</p>



**Relining of
Batch
Sulhide-
Digesters**



**Relining of
Cone in
Bleaching
Tower**



White Water chest



Partial Relining White water Silo



Floor under Paper Machine



**HD-Storage
Tanks with
DSB mortar**



**Relining
Couche Pit**






**Roof
Relining
Laitency-
Chest**






**Relining of
White Water
Chest**



**Partial
Relining
DO-Tower**

 A photograph showing two workers in a dark, confined space, likely a wire pit. They are wearing hard hats and safety gear. The floor is covered with debris and tools, and the walls appear to be made of brick or concrete.	<p>Brick-lining of Wire Pit</p>
 A photograph of a large industrial machine, identified as a dry end broke pulper. The machine is complex, with various rollers, gears, and a hopper. It is situated in a factory setting with other equipment visible in the background.	<p>Dry End Broke Pulper</p>
 A photograph of a white water flume. A man in a white hard hat and a blue and white checkered shirt stands in the foreground, looking towards the camera. In the background, another worker is visible near a large, dark, cylindrical structure, possibly a tank or part of the flume system. The walls are made of brick.	<p>White Water Flume</p>

	<p>Tile-lining of Floor for Chlorine Production Area</p>
	<p>Stellaplast concrete Protection sheets in Neutralisation Basin</p>
	<p>Coating for Ceiling in PP-Chest</p>

 <p>A photograph of an industrial facility. On the left, a large, horizontal, cylindrical metal vessel (the gas-scrubber) is supported by a metal frame. To its right, a multi-level staircase with metal railings leads upwards. Two workers in blue and yellow work clothes are standing in the foreground, looking towards the equipment. The floor is wet and reflective. A red timestamp '23 10:44' is visible in the lower right corner of the image.</p>	<p>Gas-Scrubber with Combustion chamber and Heat- Exchanger</p>
 <p>A photograph showing the interior of a large, circular white water chest. The floor is being relined with white tiles. A metal grate is visible in the center of the floor. A yellow bucket and some wooden planks are scattered on the floor. The walls are also white and appear to be made of concrete or brick. A red timestamp '23 10:44' is visible in the lower right corner of the image.</p>	<p>Relining of Floor in White Water Chest</p>
 <p>A close-up photograph of a curved overflow trench. The trench is lined with white tiles and has a curved, stepped edge. The background shows a blue corrugated metal wall. A red timestamp '26 16:23' is visible in the lower right corner of the image.</p>	<p>Overflow trench on top of Bleaching tower</p>

4 DSB-MATERIALS FOR THE PULP AND PAPER-INDUSTRY

4.1 Mortars:

Stellakitt AE

Stellavol SQ

Stellavol ST

Stellagen

Resacid FQ

4.2 Bricks:

Didier SF

Didier SF- glazed

Neracid A

Neracid B

4.3 Membranes

Stellavol GF

Stellagen Flake A

Stellatar E/EW

Stellagen UF

Stellagen FUR

Stella Gunnite Concrete

5 DSB-REFERENCES

- **PT Tanjung Enim Lestari, Musi Pulp, Belimbing, Sumatra, Indonesia**
- **Alliance Forest Products, Inc., Donnacona, QC, Canada**
- **Kimberly Clark Nova Scotia, New Glasgow, NS, Canada**
- **Kimberly Clark, Everett, WA, USA**
- **St. Anne-Nackawic Pulp & Paper Co. Nackawic N.B. Canada**
- **Smurfit Stone Portage-du-Fort QC. Canada**
- **Domtar Lebel sur Quevillion QC. Canada**
- **Union Camp, Eastover, SC, USA**
- **Weyerhaeuser , Columbus, MS, USA**
- **Bowater Maritimes Dalhousie N.B. Canada**
- **Bowater Inc., Calhoun, TN, USA**
- **Advanced Agro Public Ltd, Chancheoengsao, Thailand**
- **SCA, Mannheim, Germany**
- **Rainy River Forrest, Kenora, Canada**
- **Rayonier Special Pulp Products, Port Angeles, WA, USA**
- **Georgia Pacific Corp. Bellingham, WA, USA**
- **Sappi Kraft, Mkomazi, South Africa**
- **Mondi Paper, South Africa**
- **Phoenix Pulp & Paper, Thailand**
- **Boise Cascade Corporation, Wallula, WA, USA**
- **Papierfabrik Stendal, Germany (Mercer)**
- **Zellstoff + Papierfabrik Rosenthal, Blankenstein, Ger (Mercer),**
- **International Paper, Kwidzyn, Poland**