

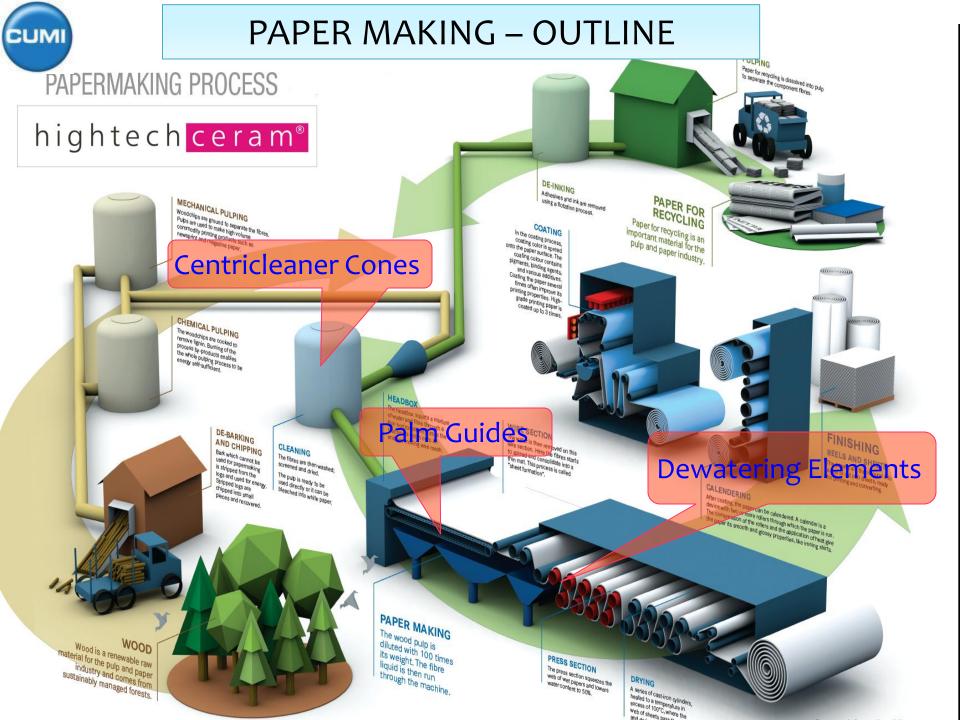
CARBORUNDUM UNIVERSAL LTD

INDUSTRIAL CERAMICS DIVISION

hightech ceram®



PAPER INDUSTRIES





PULP SECTION

CENTRICLEANER CONES

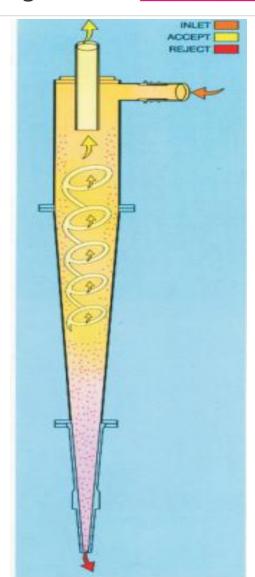
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PROCESS:

Centricleaners are used to remove Dirt, Sand, and specks from Pulp.

Pulp enters in tangential inlet which accelerates the stock to downward Centrifugal motion. Contaminants with High Specific Gravity are forced to outer wall of cone and downward though reject outlet orifice.

Rejects are collected in a tank and which again fed to the 2nd stage of cleaning.





PULP SECTION

CENTRICLEANER CONES

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APPLICATION OF CERAMICS:

SS 304 / 306

- Very High Wear & Abrasion
- Corrosion
- Frequent replacement

PAINS



CUMITUFF 92 (or) 92 CSP

- High wear and Abrasion Resistance
- Very high corrosion resistance
- Life 3 times higher than SS Material





PAPER MAKING MACHINE

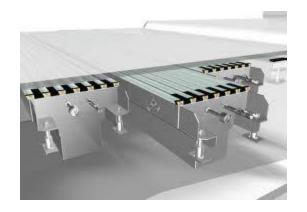
DEWATERING ELEMENTS

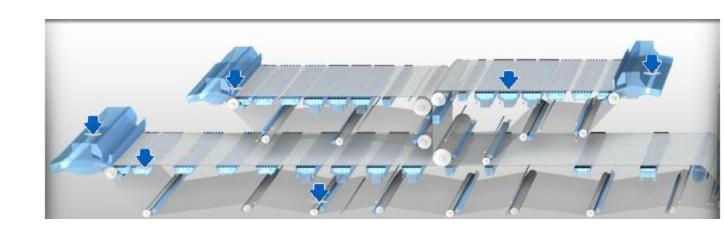
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PROCESS:

De-watering is the process of removal of water from the pulp.

Wet pulp is conveyed over the surface of De-watering element for removal of moisture in the pulp







PAPER MAKING MACHINE

DEWATERING ELEMENTS

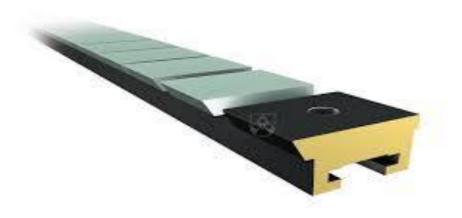
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MATERIALS:

CUMI can offer the high wear & corrosion resistant materials for Dewatering application

CUMITUFF 92 CUMITUFF 92 CSP CUMITUFF 995





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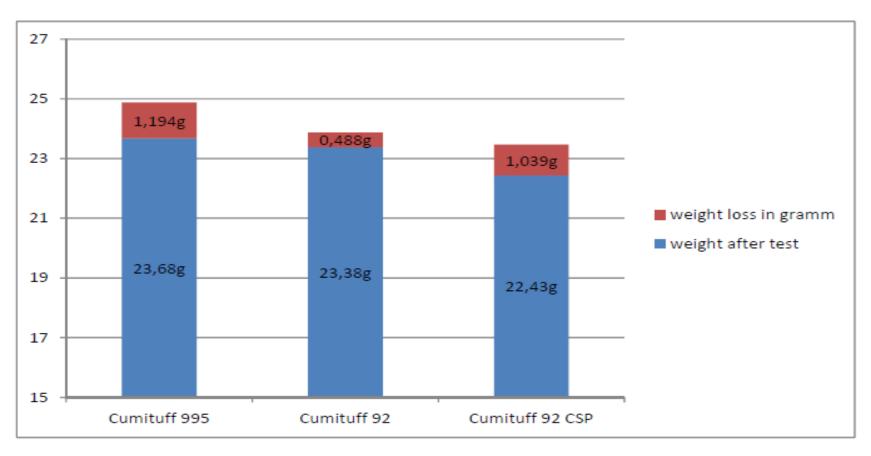
CUMITUFF 92 & CUMITUFF 995 are Certified and Approved by Rochling Leripa GmbH, Austria



CERTIFIED FOR PERFORMANCE by Rochling Leripa Papertech

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Sand blasting test:





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Thermal shock test:

We heated up the ceramic parts to a temperature of 180°C and after that we put them into 20°C water. All segments got damaged at the same good temperature level.



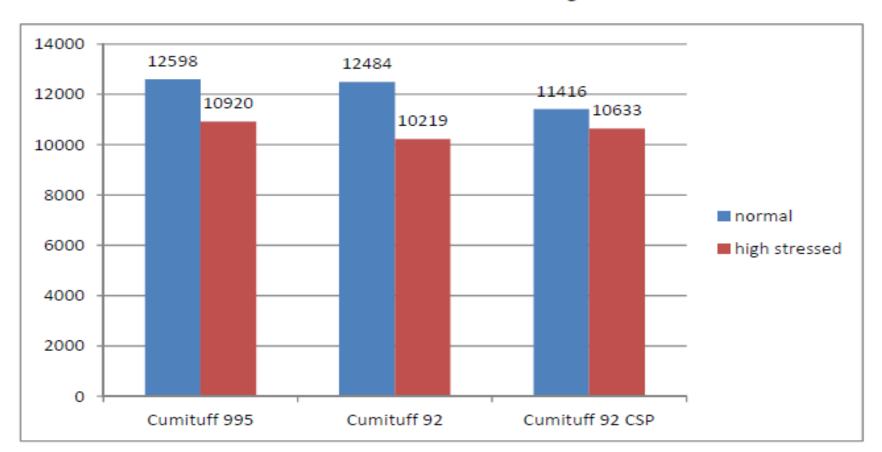


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Glueability test

We measured the force which is needed to break the bonding under two different conditions.





Applications yet to Explore

PALM GUIDES

PROCESS:

Palm Guide is the key component for ensuring the safe and reliable operation of Paper making machine

AVAILABLE MATERIALS:

- Stainless Steel
- Stellite
- Alumina Ceramics

ADVANTAGE OF ALUMINA CERAMICS:

- High Wear resistance
- More hardness

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Thank you

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