

AKIJ ORDERS P'BOARD PLANT

Akij Group, Bangladesh, signed a contract for a particleboard plant with Siempelkamp, which will supply all components ranging from the chipper infeed to the automatic sanding and cut-to-size lines, as well as the Generation 8 ContiRoll continuous press, the Ecoresinator blending system and the optimized control of the pneumatic conveyors.

Siempelkamp will support the customer starting with engineering to equipment startup and production. Several affiliates and subsidiaries of Siempelkamp are participating in the project, including Sicoplan, which is responsible for engineering; front-end of the line provided by Pallmann; dryer supplied by Büttner; and screening and sifting technology from CMC Texpan. "The key argument used by Siempelkamp during the negotiations was that the complete process engineering would be supplied from countries within the European Union, therefore ensuring the best possible quality," according to Siempelkamp.

The heart of the plant is an 8 ft. x 23.8 m Generation 8 ContiRoll press. It will be equipped with a light-board package for the production of extra light particleboard. The plant is expected to start up in 2016.

Akij Group operates 21 different industrial sectors.

SMARTPLY PLANS PLANT MAKEOVER

OSB manufacturer SmartPly Europe—part of the business division Coillte Panel Products of the Irish state forestry organization Coillte—will replace its multi-day-light plant at Waterford, Ireland with a Siempelkamp structure, forming and press line and other equipment.

The press line includes a ContiRoll continuous press as well as numerous finishing line machines. The SmartPly purchase also includes materials handling equipment downstream from the resin application system, the cooling and stacking line, a high-stack storage system as well as the cut-to-size and packing line.

The ContiRoll press can be flexibly adjusted to manufacture boards with different widths. Siempelkamp will be responsible for the installation and its supervision, the startup and the acceptance test.

The upgrade of the existing infrastructure at SmartPly's Waterford location is part of a €59 million investment by CPP, which will include a panel products innovation center on the current site.

To date the Irish company has manufactured OSB for various applications including floor coverings, interior construction, furniture and packaging. A large share of the company's products is exported.

The Waterford plant has manufactured wood-based panels from locally grown sustainable forest resources from the South and East of Ireland. The current nominal yearly plant capacity is 350,000 m³ and with the new continuous line could be increased further depending on market requirements. This increase in capacity allows for the economical manufacture of OSB with new sizes and thicknesses suited to the European market. Full capacity is expected to be reached in 2016.