EXETER TECHNOLOGIES GROUP

Centre for Alternative Materials and Remanufacturing Technologies

## F Board case study

Made from 100% recycled PVC, F-Board is a scaffold platform system, which is the same size as current wooden scaffold boards, but has a number of advantages, including being non-slip, lightweight and stronger than its counterparts.

F-Board's business model includes buying back used boards and recycling the material again for use in a new board. The scaffold is lighter than traditional wooden scaffold boarding, meaning it is more easily transported and assembled.

CALMARE was called in to help F-Board Limited find out whether waste material from other products could be granulated then incorporated into the product without adversely affecting the F-Board scaffolding's performance. CALMARE evaluated the properties of a range of materials, including a white window material, a shredded fabric coated lorry curtain and a cleaned, black PVC material, using a blend of PVC recycled products.

UNIVERSITY OF EXETER

EUROPEAN UNION
Investing in Your Future
European Regional Development Fund 2007-13