

Third-generation PU foam systems

Resin Technology Company (RTC), the United States, has announced the development of an economical and practical third-generation polyurethane (PU) foam system. RTC and Honeywell Specialty Chemicals' new formulation employs HFC-245fa as an effective blowing agent for rigid PU foam utilizing RUBINATE® isocyanates and JEFFOL® polyols from Huntsman Polyurethanes. This new formulation combines high-yield coverage and high insulation value.

During roofing field trials, the new foam system was sprayed on a fluted metal roof to assess foam quality as well as the feasibility of using standard equipment and containers. A spray lift of 2.54-3.81 cm was achieved using a conventional PU foam proportioner and spray gun. The new formulation cures faster and exhibits less sensitivity to cold substrates, compared with HCFC-141b. The physical and insulating properties were on par with those offered by CFC-11. *Contact: Mr. Will Lorenz, Resin Technology Company, the United States. Tel: +1 (909) 9477 224; Fax: +1 (909) 9239 617; Website: <http://www.resintechnology.com>.*
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