

loads of the G8g-6 is as would be expected due to its density. The lower deflection at lower loads of the G8g-5 may be due to the greater support given by the prongs of the two steel facings, the prongs not being fully collapsed as for the G8g-6.

The crush-extrusion shows considerably less deflection under load for the G8g-6 than for the G8g-5, as expected. However, the yield points for both are about the same. Also, relaxation figures are about the same for both composites.

You also asked that blanking and handling characteristics be checked. Both the G8g-5 and G8g-6 handled well and blanked satisfactorily. There were no problems of delamination.

It is concluded that the Alg-1 asbestos millboard is much denser than normal asbestos millboard and hence does not meet standard physical requirements. When combined as F. S. #296 Corbestos, a material with entirely different physical properties results when combining on a basis of gauge than when combining on a basis of weight. If this material were to become a production item, it could not be used in composite constructions on a basis of gauge if it were necessary to maintain the physical properties which result when used on a basis of weight, with respect to the gauge and weight requirements presently specified in the specifications and standards involved.

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