



CRACK FRONT MORPHOLOGY IN ADHESIVE BONDED MATERIALS

To know more about adhesive bonding between different parts in constructions, we make a computer model of what is taking place, when an adhesive bonding is failing. It can be either in composite materials or conventional materials.

The model allows us to study the influence from different parameters like geometries, strength parameters and so on.

To verify the results from the computer we compare them to different experiments. The perspectives are that adhesive bonding can be used in more critical and complex connections. It could also be used to minimize critical fractures by controlling them in user-defined interfaces.

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