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Experimental determination of the static and fatigue strength of the adhesive joints bonded by epoxy adhesive including different particles

İsmail Saraç, Hamit Adin, Şemsettin Temiz



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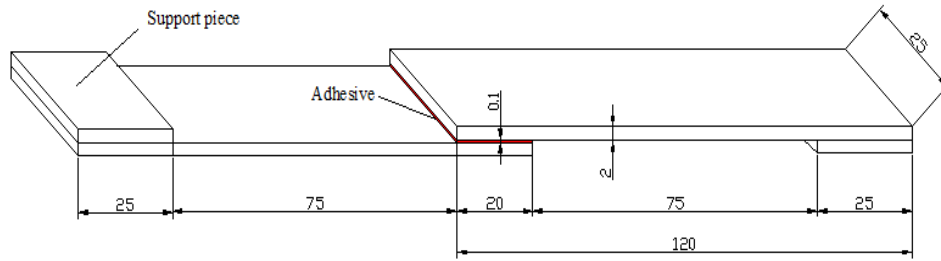
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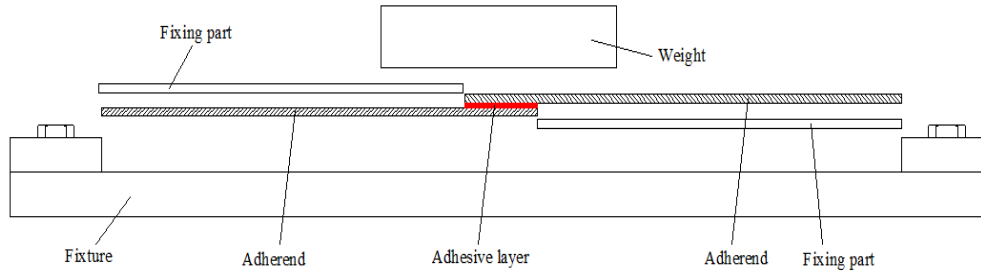
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## Graphical Abstract

## Single lap joints geometry and dimensions



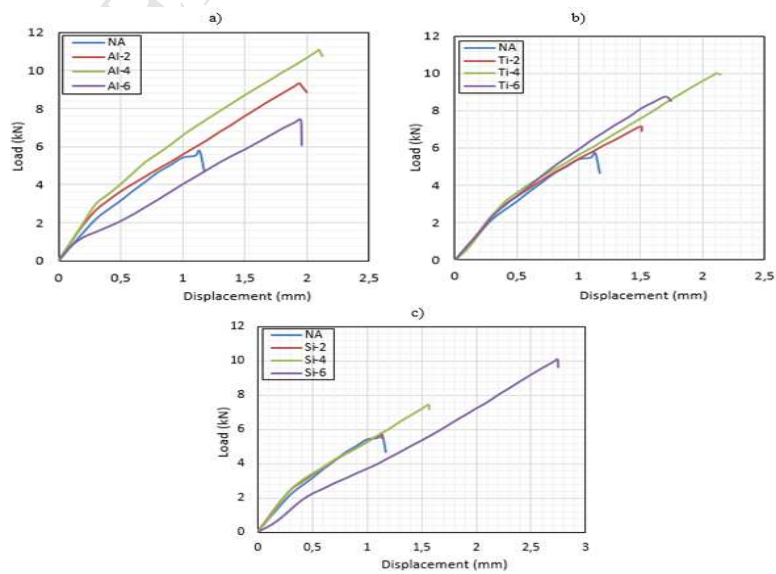
## The schematic diagram of the fixture



## 100 kN computer controlled Shimadzu EHF-EV universal fatigue device



## Load-displacement curves of the joints



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