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Experimental and numerical study of reactive powder concrete reinforced with steel wire mesh against projectile penetration

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**Highlights**

- Experimental work on reactive powder concrete targets retrofitted with steel wire meshes against projectile penetration was conducted.
- Numerical studies are conducted to simulate the impact response of retrofitted RPC targets against high-velocity projectile penetration.
- The localized damage, especially the DOP, is well predicted by using the numerical models.

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