



Armeka solves and eliminates vibration and shock problems in demanding operating environments.

We provide customized, reliable solutions to protect mechanically and electrically sensitive equipment, and prevent transport problems.

### Navy shock approval method

1. **Shipyard / Navy** Shock input values
2. **Armeka** Isolation selection, residual shock calculations
3. **Armeka** Shock test: measurement result vs. residual calculations
4. **Customer** Verification that component works after a "shock test"
5. **Shipyard / Navy** Component approval



Armeka designs, measures and manufactures **shock and vibration dampers (wire rope isolators), 19-inch installation racks, and transport cases.**

With over 30 years of experience in delivering smart damping solutions for major projects and organizations in the Finnish defence industry, we offer customized solutions for protection of sensitive equipment.

Armeka's damping solutions protect your equipment from both environmental pressure and problems caused by stress. Defence industry has special requirements for shock resistance for the equipment in operating environment. These are either standard components (COTS) or MIL spec approved. Our isolating solutions can also be designed to fit directly to commercial off-the-shelf products. Life cycle of the isolated product increases 10 times, which leads to significant financial savings.

Armeka is a part of the **Squadron 2020 project**, and our shock calculation approval method fulfills the requirements of the shipyard and Navy. Our shock absorbers, wire rope isolators and shock absorbing 19" racks can be tested against MIL 900 and Stanag requirements.

### Contact for more information!

Susanna Laakkonen  
Sales and Export Manager  
susanna.laakkonen@armeka.fi  
+358 50 582 6440

Armeka Oy  
Kaivolankatu 4  
37630 Valkeakoski  
FINLAND  
[armeka.fi](http://armeka.fi)  
armeka@armeka.fi  
+358 20 743 1199

### Our references

