



**Clip-Lok SimPak<sup>®</sup>**

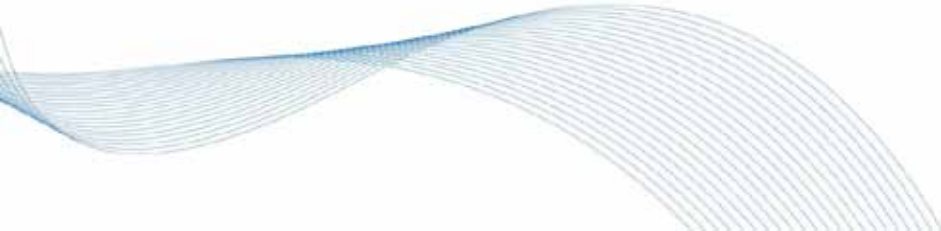
Force Protection

Industry - Defense

Program - MRAP EFP Armor Kits

# MRAP Design vs. IED's

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- § MRAP Vehicle / MRAP Design
  - § Threats to vehicles (Roadside Bombs, Side Penetrating IED's, etc.)
  - § New IED threats (Copper Cores)
  - § EFP – Explosively Formed Penetrator
  - § Reactive Armor / Passive Armor
  - § No Previous Packaging Design
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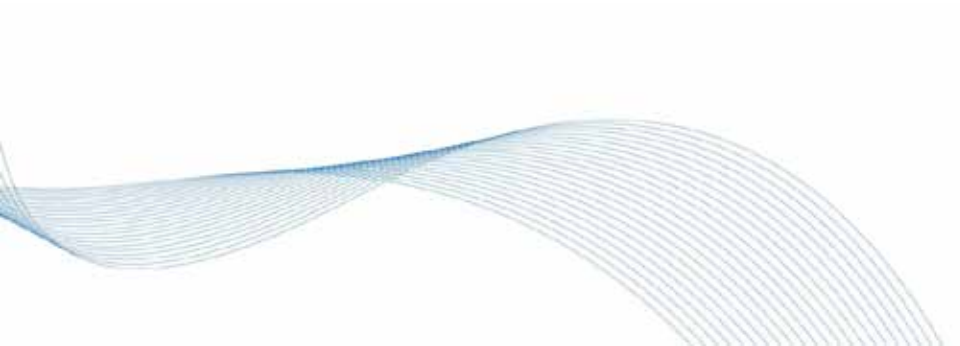
# MRAP Vehicle w/ Add-On Armor

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# Reasons for Clip-Lok

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- Easy access to load and unload heavy components from all sides
  - Stackability of heavy loads
  - Intricate dunnage was kept consistent using CNC machining
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# 4x and 6x Kits

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## 6x Kits

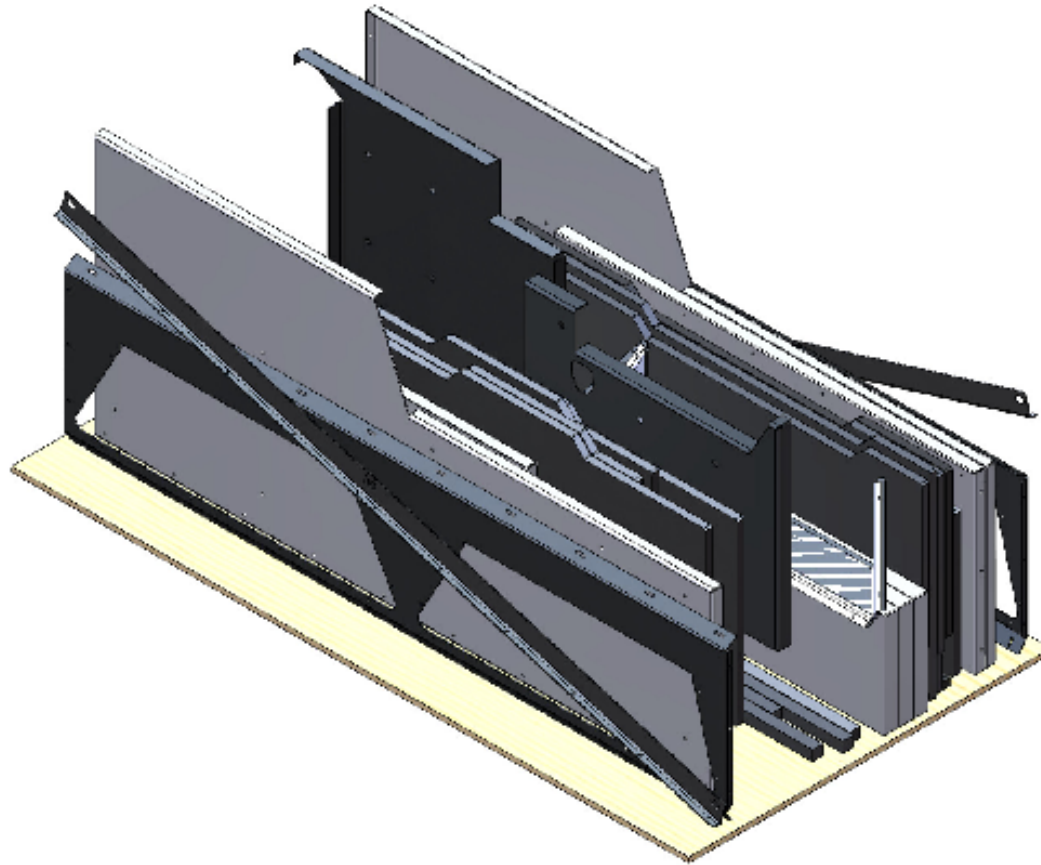
- 94.5"x58.5"x39" ID
- 96"x60"x46" OD
- 36 Large Clips
- Approx. Weight – 873 lbs.
- Arriving (Unassembled)  
Truckload Qty. – 20
- Shipping (Assembled)  
Truckload Qty. - 20

## 4x Kits

- 114"x46.5"x40" ID
- 115.5"x48"x47" OD
- 36 Large Clips
- Approx. Weight – 970 lbs.
- Arriving (Unassembled)  
Truckload Qty. - 30
- Shipping (Assembled)  
Truckload Qty. – 20

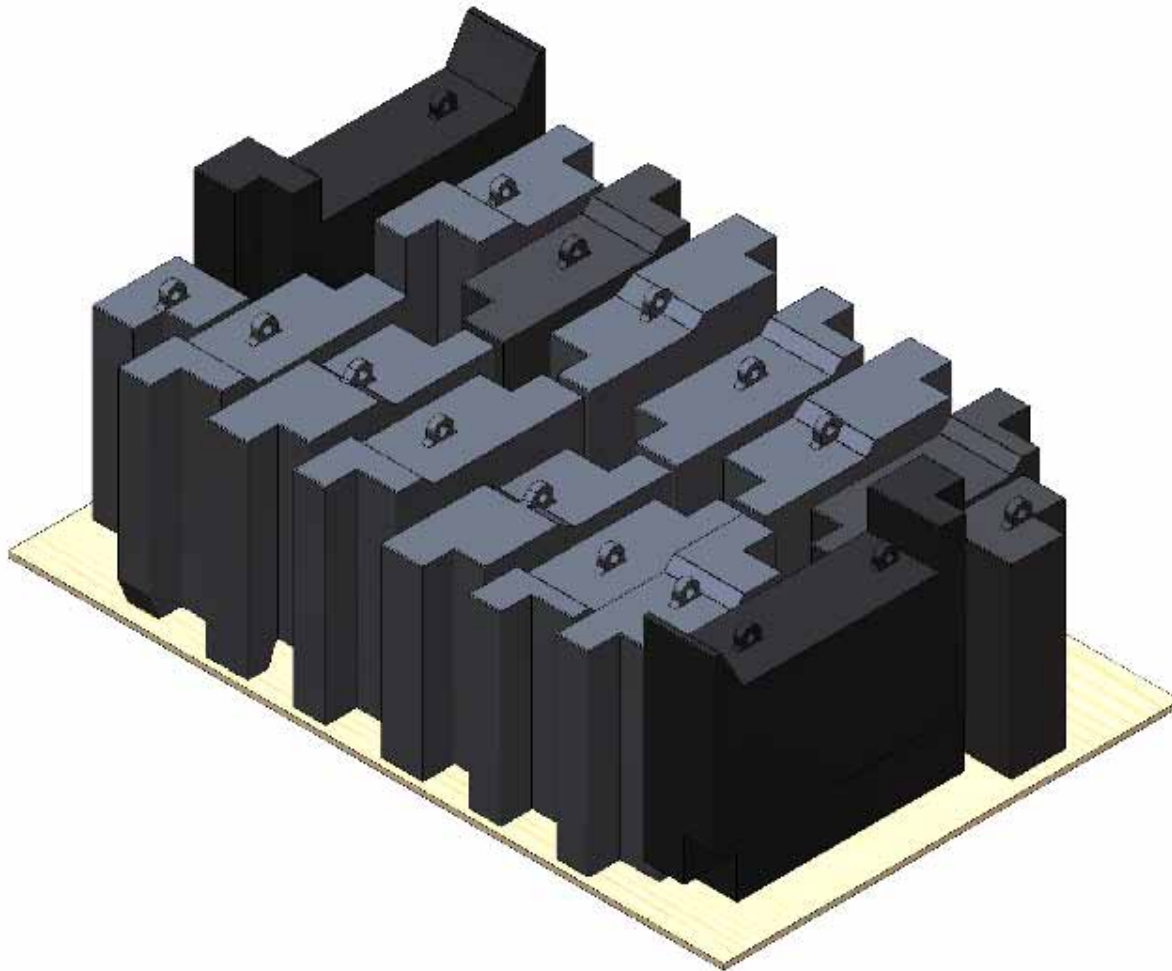
# Installation Kit / Armor Plating Concept

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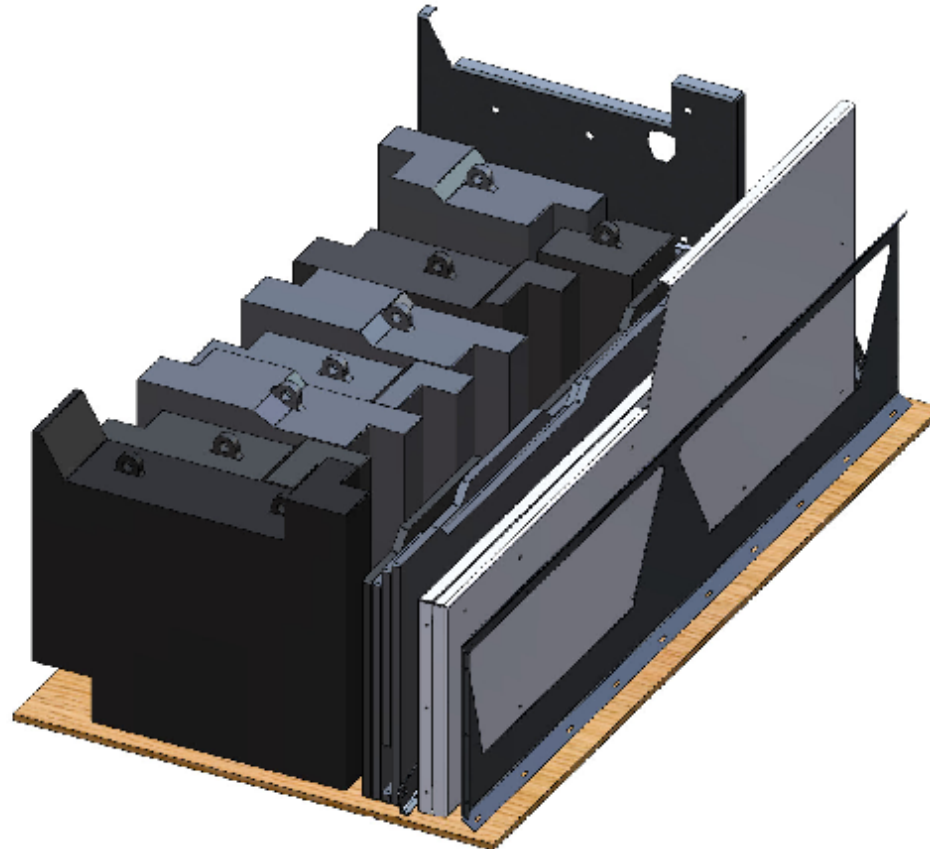
# EFP Armor Tiles Concept

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# Armor Tiles and Component Kit

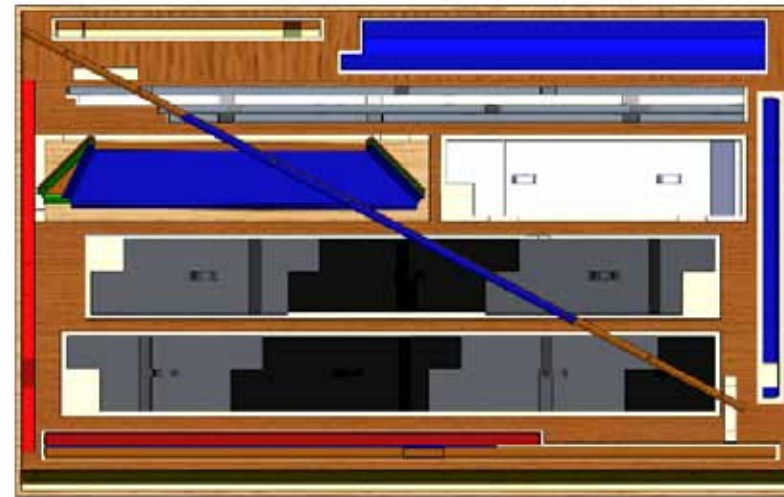
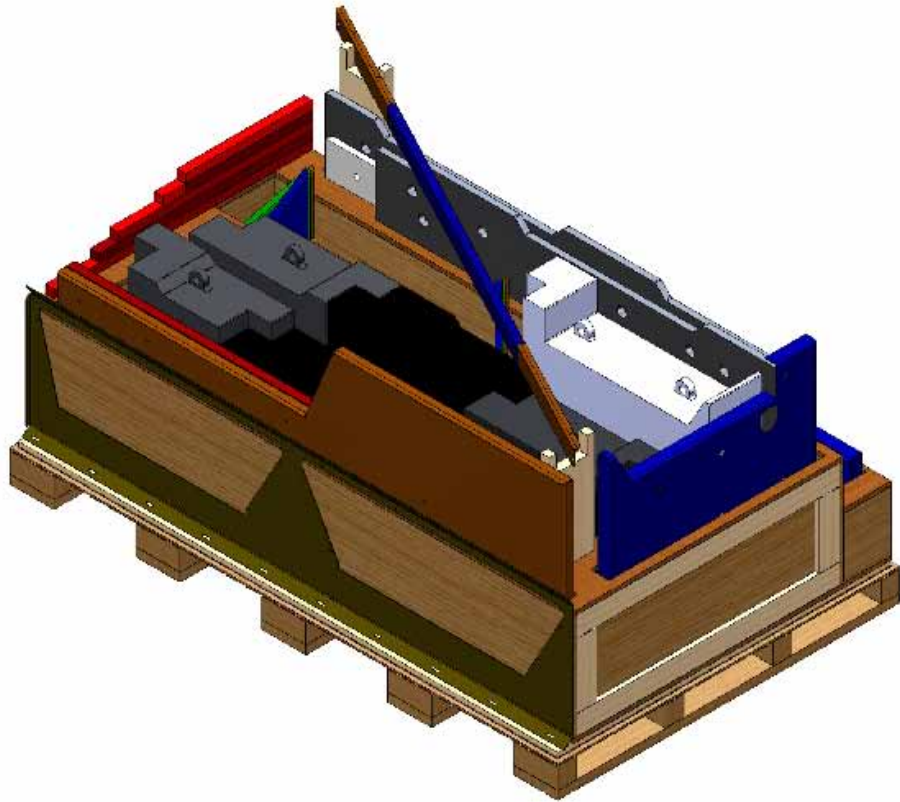
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# 6x B-Kit

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# Tile / Installation Kit Dunnage

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