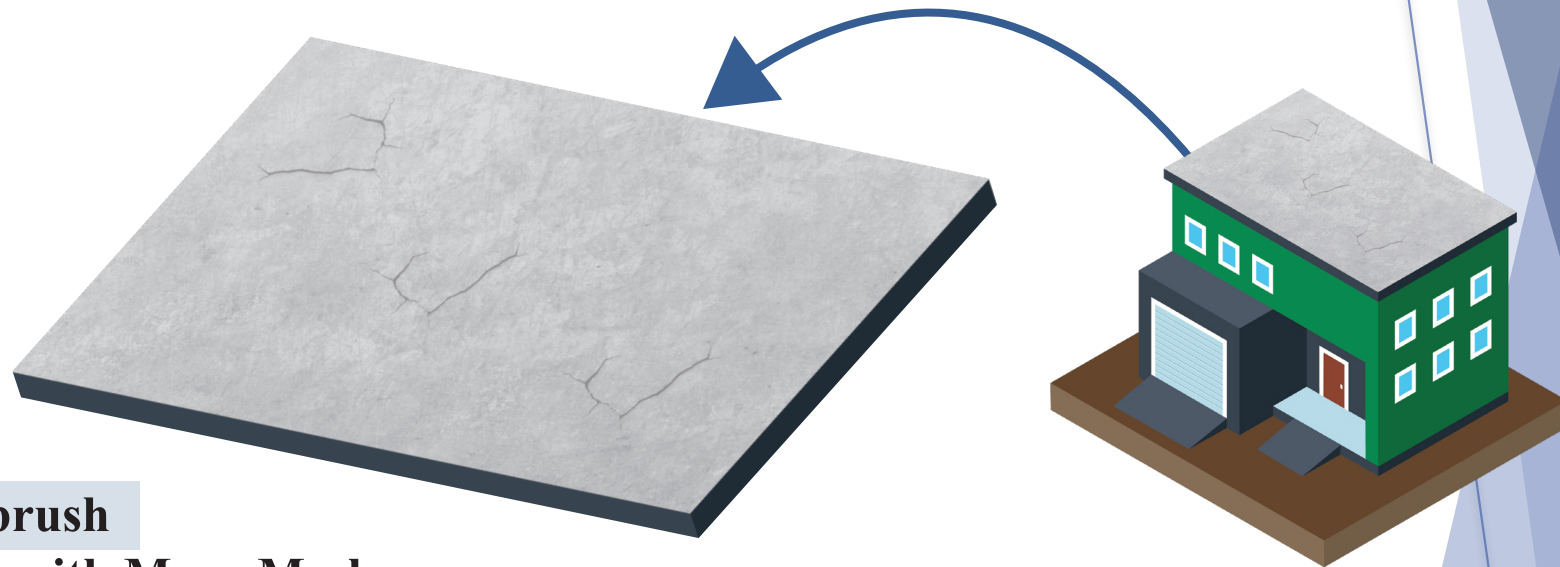




ANTI SHOCK WATERPROOFING & HEAT REFLECTIVE SYSTEM

STEP-1



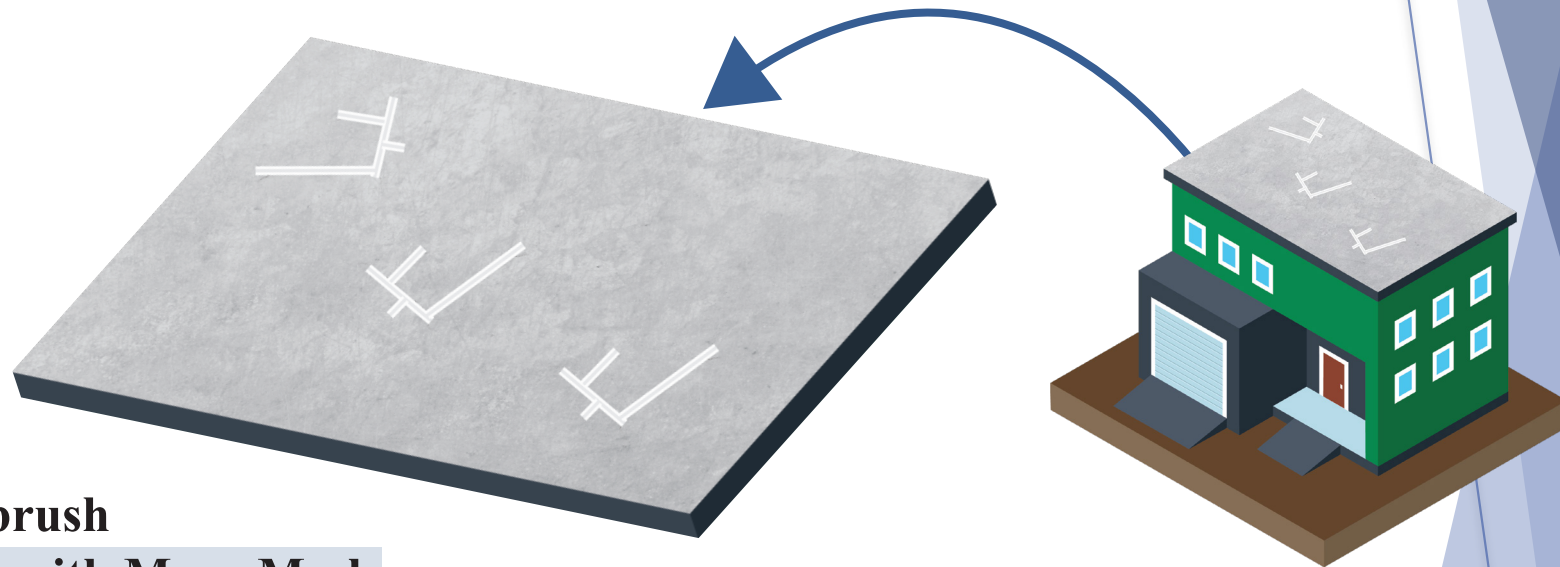
1. Surface cleaning with brush
2. Critical area treatment with Mega Mesh NP-721 along with Mega Shield Base
3. Apply Mega Shield Primer with brush
4. First coat of Mega Shield Base with brush
5. Apply Mega Mesh FG-720 on wet Mega Shield Base first coat
6. Second coat of Mega Shield Base with brush / roller
7. Third coat (last coat) with Mega Shield Base with air less spray/roller





ANTI SHOCK WATERPROOFING & HEAT REFLECTIVE SYSTEM

STEP-2



1. Surface cleaning with brush
2. Critical area treatment with Mega Mesh NP-721 along with Mega Shield Base
3. Apply Mega Shield Primer with brush
4. First coat of Mega Shield Base with brush
5. Apply Mega Mesh FG-720 on wet Mega Shield Base first coat
6. Second coat of Mega Shield Base with brush / roller
7. Third coat (last coat) with Mega Shield Base with air less spray/roller



MEGA MESH NP-721
A HI-TECH NON-WOVEN FABRIC WITH
AN EXCELLENT ABRASION RESISTANCE



MEGA SHIELD
HEAT PROOF &
UV REFLECTIVE COATING

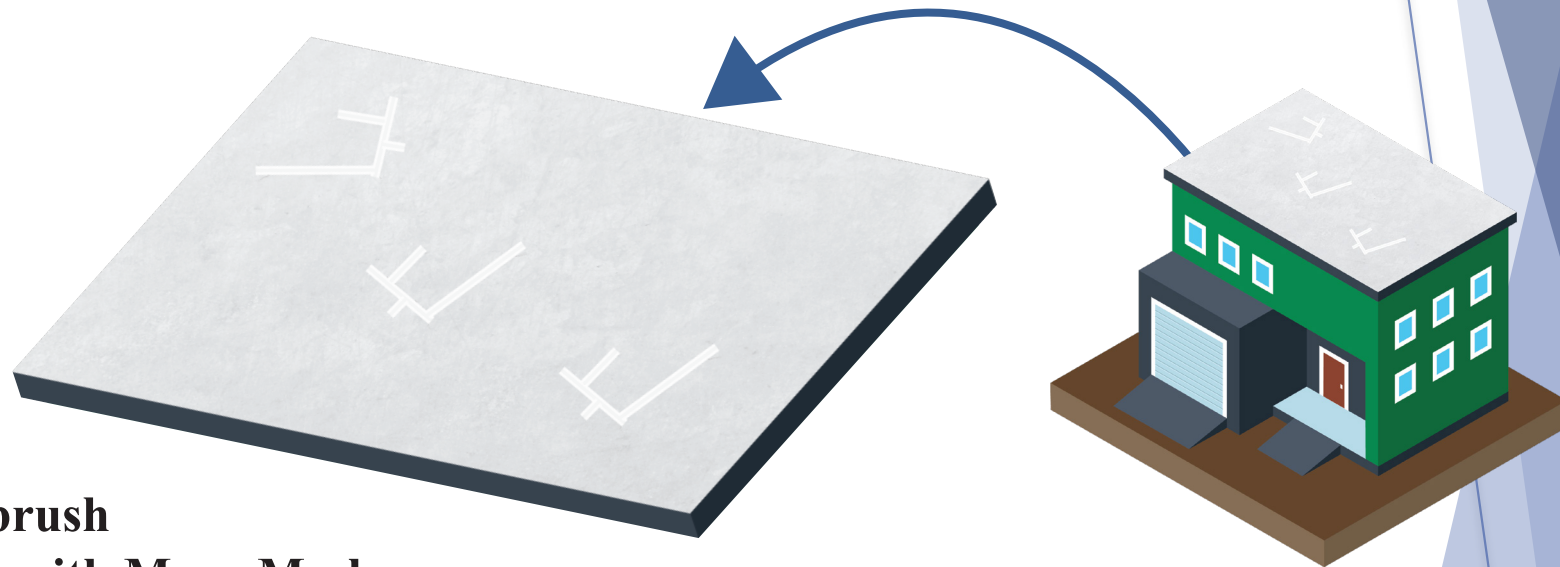


Mega Sealers
Waterproofing Solutions

**Construction Chemicals &
Waterproofing Solutions**

ANTI SHOCK WATERPROOFING & HEAT REFLECTIVE SYSTEM

STEP-3



1. Surface cleaning with brush
2. Critical area treatment with Mega Mesh NP-721 along with Mega Shield Base
3. Apply Mega Shield Primer with brush
4. First coat of Mega Shield Base with brush
5. Apply Mega Mesh FG-720 on wet Mega Shield Base first coat
6. Second coat of Mega Shield Base with brush / roller
7. Third coat (last coat) with Mega Shield Base with air less spray/roller



MEGA SHIELD
HEAT PROOF &
UV REFLECTIVE COATING

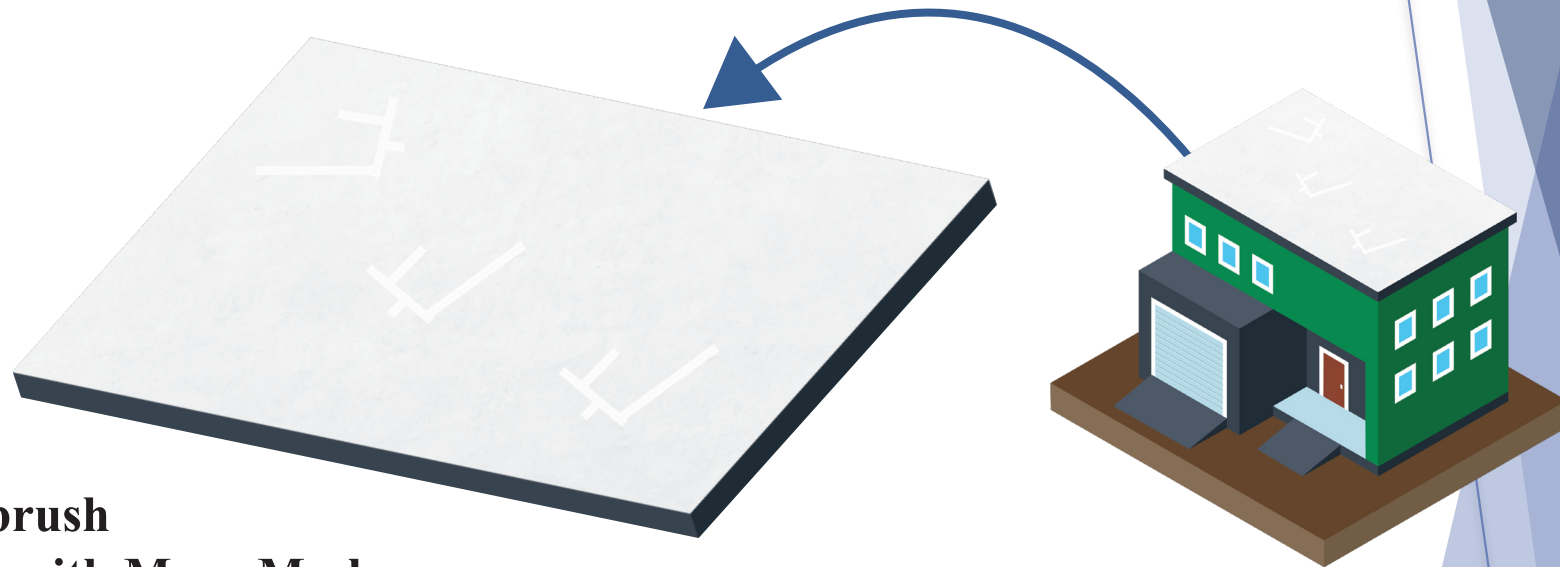


Mega Sealers
Waterproofing Solutions

**Construction Chemicals &
Waterproofing Solutions**

ANTI SHOCK WATERPROOFING & HEAT REFLECTIVE SYSTEM

STEP-4



1. Surface cleaning with brush
2. Critical area treatment with Mega Mesh NP-721 along with Mega Shield Base
3. Apply Mega Shield Primer with brush
4. First coat of Mega Shield Base with brush
5. Apply Mega Mesh FG-720 on wet Mega Shield Base first coat
6. Second coat of Mega Shield Base with brush / roller
7. Third coat (last coat) with Mega Shield Base with air less spray/roller

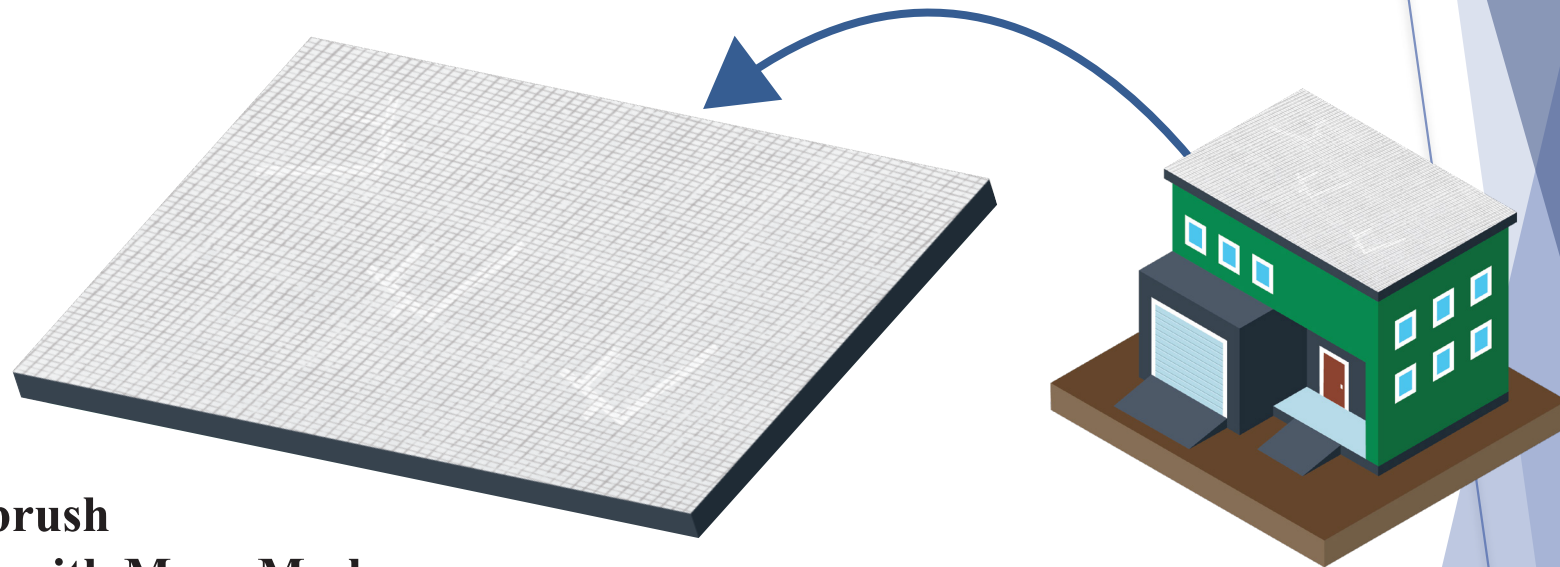


MEGA SHIELD
HEAT PROOF &
UV REFLECTIVE COATING



ANTI SHOCK WATERPROOFING & HEAT REFLECTIVE SYSTEM

STEP-5



1. Surface cleaning with brush
2. Critical area treatment with Mega Mesh NP-721 along with Mega Shield Base
3. Apply Mega Shield Primer with brush
4. First coat of Mega Shield Base with brush
5. Apply Mega Mesh FG-720 on wet Mega Shield Base first coat
6. Second coat of Mega Shield Base with brush / roller
7. Third coat (last coat) with Mega Shield Base with air less spray/roller



MEGA MESH NP-720
HIGHLY VERSATILE GLASS FIBRE MESH FOR
EXCELLENT BOND & REINFORCEMENT

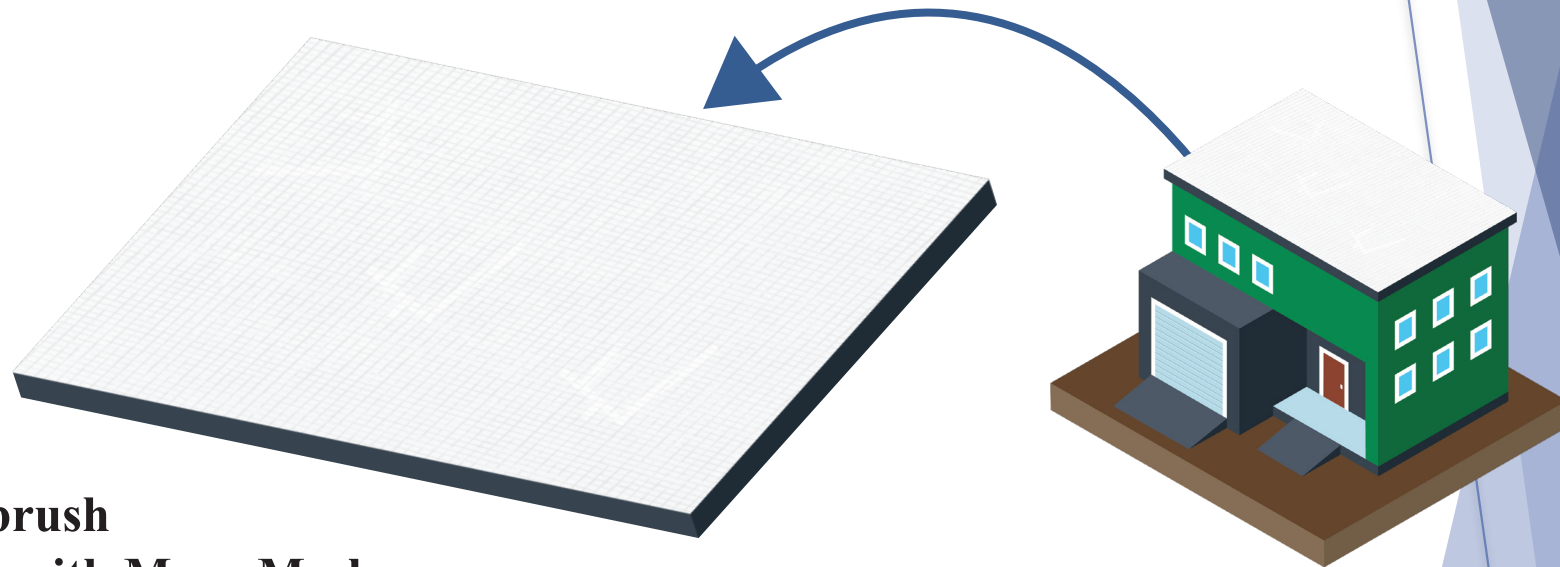


MEGA SHIELD
HEAT PROOF &
UV REFLECTIVE COATING



ANTI SHOCK WATERPROOFING & HEAT REFLECTIVE SYSTEM

STEP-6



1. Surface cleaning with brush
2. Critical area treatment with Mega Mesh NP-721 along with Mega Shield Base
3. Apply Mega Shield Primer with brush
4. First coat of Mega Shield Base with brush
5. Apply Mega Mesh FG-720 on wet Mega Shield Base first coat
6. Second coat of Mega Shield Base with brush / roller
7. Third coat (last coat) with Mega Shield Base with air less spray/roller



MEGA SHIELD
HEAT PROOF &
UV REFLECTIVE COATING



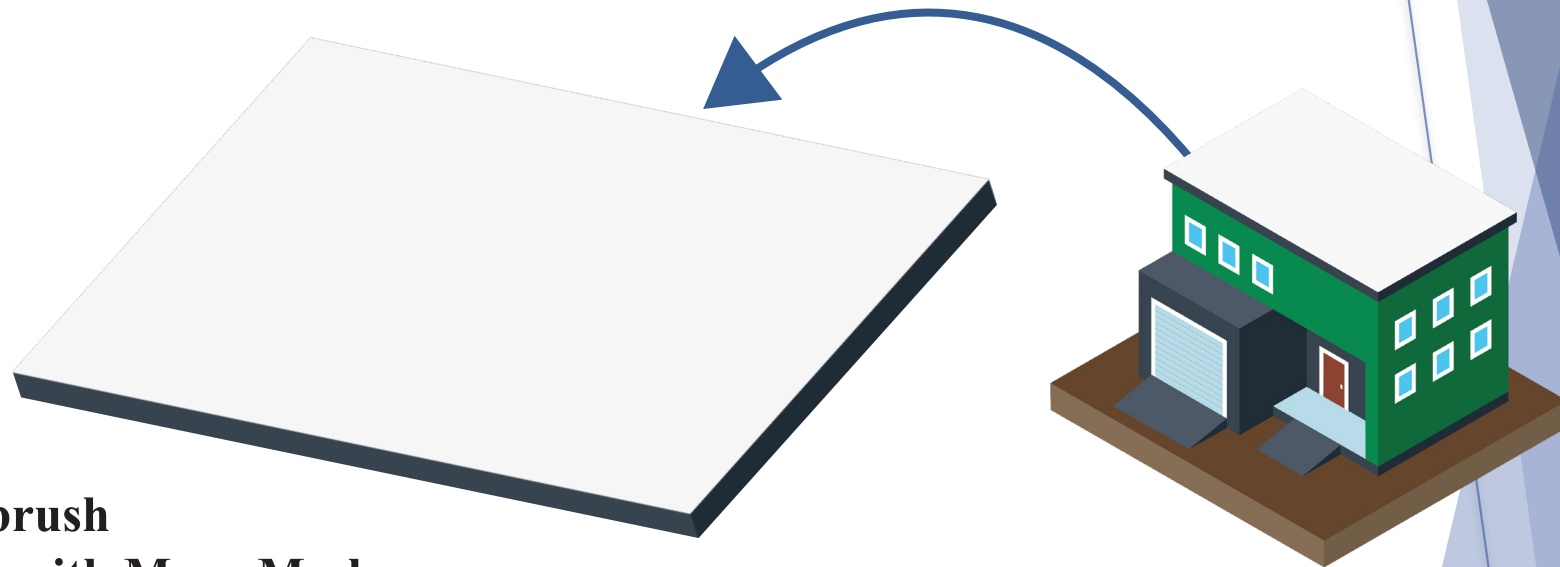


Mega Sealers
Waterproofing Solutions

**Construction Chemicals &
Waterproofing Solutions**

ANTI SHOCK WATERPROOFING & HEAT REFLECTIVE SYSTEM

STEP-7



1. Surface cleaning with brush
2. Critical area treatment with Mega Mesh NP-721 along with Mega Shield Base
3. Apply Mega Shield Primer with brush
4. First coat of Mega Shield Base with brush
5. Apply Mega Mesh FG-720 on wet Mega Shield Base first coat
6. Second coat of Mega Shield Base with brush / roller
7. Third coat (last coat) with Mega Shield Base with air less spray/roller





Construction Chemicals &
Waterproofing Solutions

ANTI SHOCK WATERPROOFING & HEAT REFLECTIVE SYSTEM



WATERPROOF



HEATPROOF



HIGHLY FLEXIBLE



WASHABLE



**Construction Chemicals &
Waterproofing Solutions**

Anti-Shock Waterproofing System: Detailed Report

**Present By: Shoaib Noor
Date: 26th August, 2024**



Methodology:

1. **Surface Cleaning:**
 - Thorough cleaning of the surface with a brush to remove dirt and debris.
2. **Critical Areas Treatment:**
 - Apply Mega Mesh NP-721 and Mega Shield Base to critical areas for enhanced durability and adhesion.
3. **Primer Application:**
 - Apply Mega Shield Primer using a brush to ensure proper bonding of the subsequent layers.
4. **First Coat:**
 - Apply the first coat of Mega Shield Base using a brush.
5. **Mega Mesh Installation:**
 - While the first coat of Mega Shield Base is still wet, install Mega Mesh FG-720 to reinforce the waterproofing layer.
6. **Second Coat:**
 - Apply the second coat of Mega Shield Base using a brush.
7. **Final Coat:**
 - Apply the third and final coat of Mega Shield Base using an Airless Spray for a smooth and durable finish.



Benefits of Anti Shock Waterproofing System:

- 1. Complete Waterproofing:**
 - Provides 100% waterproof for roofs.
- 2. Durability:**
 - Resistant to punctures and damage, ensuring long-term protection.
- 3. Versatility:**
 - Applicable to various surfaces including RCC, wooden, marble, steel, etc.
- 4. Insulation:**
 - Offers thermal insulation, reducing indoor temperature by 3 to 6 degrees Celsius.



Mega Sealers
Waterproofing Solutions

Construction Chemicals & Waterproofing Solutions

5. Easy Repair:

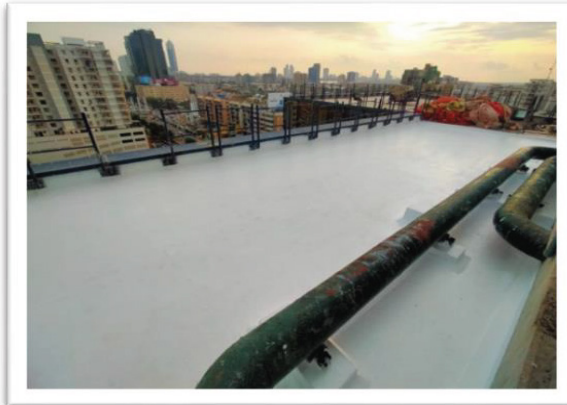
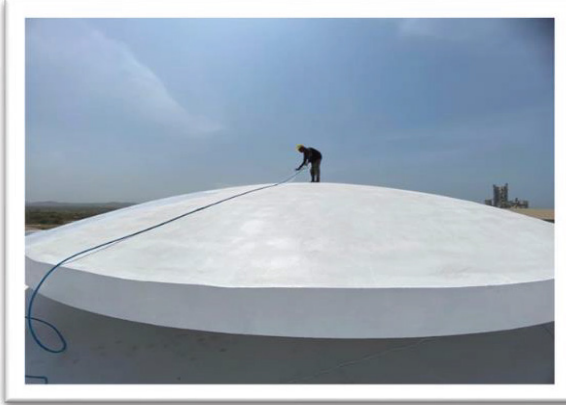
- Allows for easy repairs without needing a technician; simply use a paintbrush.

Site Pictures:





Construction Chemicals & Waterproofing Solutions





Construction Chemicals & Waterproofing Solutions

Testing and Results:

Objective: To compare the temperature difference between surfaces treated with Anti Shock Waterproofing System and untreated surfaces.

Methodology: Two wooden boxes were used for testing. One box was treated with the Anti-Shock Waterproofing System, while the other remained untreated. Both boxes were exposed to sunlight, and temperature readings were taken at two points:



1. Exposed Surface Temperature:



Untreated Area: 116°F / 46.6°C



Treated Area: 96.9°F / 36°C



2. Inner Box Temperature:



Untreated Box: 107.2°F / 41.8°C



Treated Box: 95.9°F / 35.5°C



Results:

- The Anti-Shock Waterproofing System significantly reduced the surface temperature by 19.1°F / 10.6°C compared to the untreated area.
- The inner temperature of the treated box was 11.3°F / 6.3°C cooler than the untreated box, demonstrating effective thermal insulation.

Conclusion:

The Anti-Shock Waterproofing System provides exceptional waterproofing and thermal insulation benefits. Its easy application and repair process make it a versatile solution for various roofing needs. The testing confirms its effectiveness in reducing both surface and indoor temperatures, enhancing comfort and durability.