



TUFFWRAP INSTALLATIONS. TUFF ON DUST AND DEBRIS.
Protecting People, Products & Property

SMARTSEAM®
PRESENTATION

AGENDA/INTROS

- Introductions
- Why Roofers Look to TuffWrap?
- XYZ Roofing Co Situation
- TuffWrap Solution
- Questions & Answers
- Next Steps



WHY ROOFERS LOOK TO TUFFWRAP?

SAFETY

- Concerns of damage/injuries to People, Products & Property
- Identify and handle potential hazards on jobsite
- Certified and trained workers

WHY ROOFERS LOOK TO TUFFWRAP?

LIABILITY

- Can't afford product contamination and recalls
- Risk of damage to equipment or facility
- Production stoppage or shutdown
- Loss of revenue to client
- Safety concerns and injuries

WHY ROOFERS LOOK TO TUFFWRAP?

COMPLIANCE

- Keep people/operations safe & productive during construction
- Meets IBC's six areas of code compliance
- FM 4652 approved
- ISNetworld Member Contractor - safe, reliable and sustainable



SmartSeam[®]

100% CODE COMPLIANT SUSPENDED COVER

SAFETY • LIABILITY • COMPLIANCE

The new SmartSeam by TuffWrap is the only real choice for companies choosing to protect their brand during reroofing...



IBC 6-POINT CRITERIA

- Quality**
- Strength**
- Effectiveness**
- Fire Resistance**
- Durability**
- Safety**



APPROVED

SmartSeam is
FM 4652 approved.

SmartSeam[®] IAPMO
UEA ER-706



IAPMO ES



UL 7235



NFPA
NATIONAL FIRE
PROTECTION ASSN.



FM
APPROVED
FM 4652

IBC's Six Areas of Code Compliance

SmartSeam Complies with IBC's Six Areas of Code

1 Quality

Audited manufacturing quality

2 Strength

Stays in place; Meets structural performance ASTM E330 procedure A (diff pressure test)

3 Effectiveness

Prevents dust/debris from entering protected space

4 Fire Resistance

Flame retardant – Acceptable flame propagation performance

5 Durability

Performs for the duration of the installation

6 Safety

Opens up per code and partially drops out, but does not impede sprinklers



SmartSeam[®]

100% CODE COMPLIANT SUSPENDED COVER



Code Compliant

Meets EC 043-2020 document of IBC six areas of code compliance requirements, NFPA 13 and FM 4652 approved.



Flame Resistant

Approved for installation below sprinkler systems; Reduces flame and smoke spread



Heat Reactive Seam

6' x 5' panels open quickly to allow sprinklers to activate in case of fire



Protective Dust Cap

Protective dust cap over the heat reactive seam provides extra dust and debris protection.



Antistatic

Mitigates electrostatic discharges (ESD) to protect against combustible dust



Antimicrobial

Protects against mold, mildew, and bacterial growth



Strong Four-Ply Material

Six mil thick, four-layer polyethylene material provides highest puncture resistance and tear strength



Innovative Scrim Design

Diagonal and perpendicular scrim orientation resists tearing

Patented TuffWrap's SmartSeam[®] keeps fire sprinklers operational.

SmartSeam[®] IAPMO
UEA ER-706



XYZ ROOFING COMPANY SITUATION

- Hockey season in progress
- Can't avoid a shutdown
- Can't afford to put people at risk
- Tight timeframe



TUFFWRAP SOLUTION

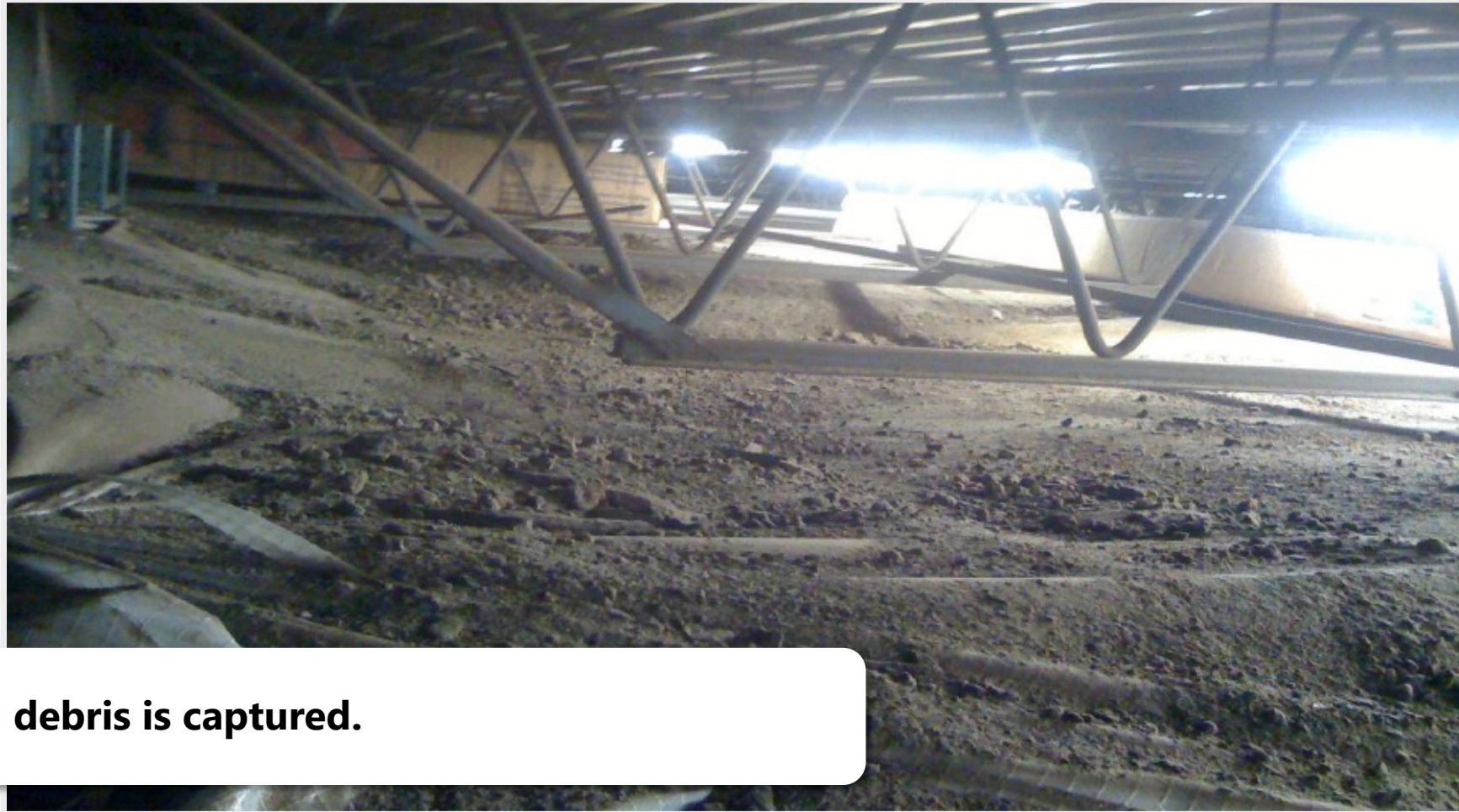
SmartSeam®



Provides continuous and safe operations.

TUFFWRAP SOLUTION

SmartSeam®



Ensure all debris is captured.

TUFFWRAP SOLUTION

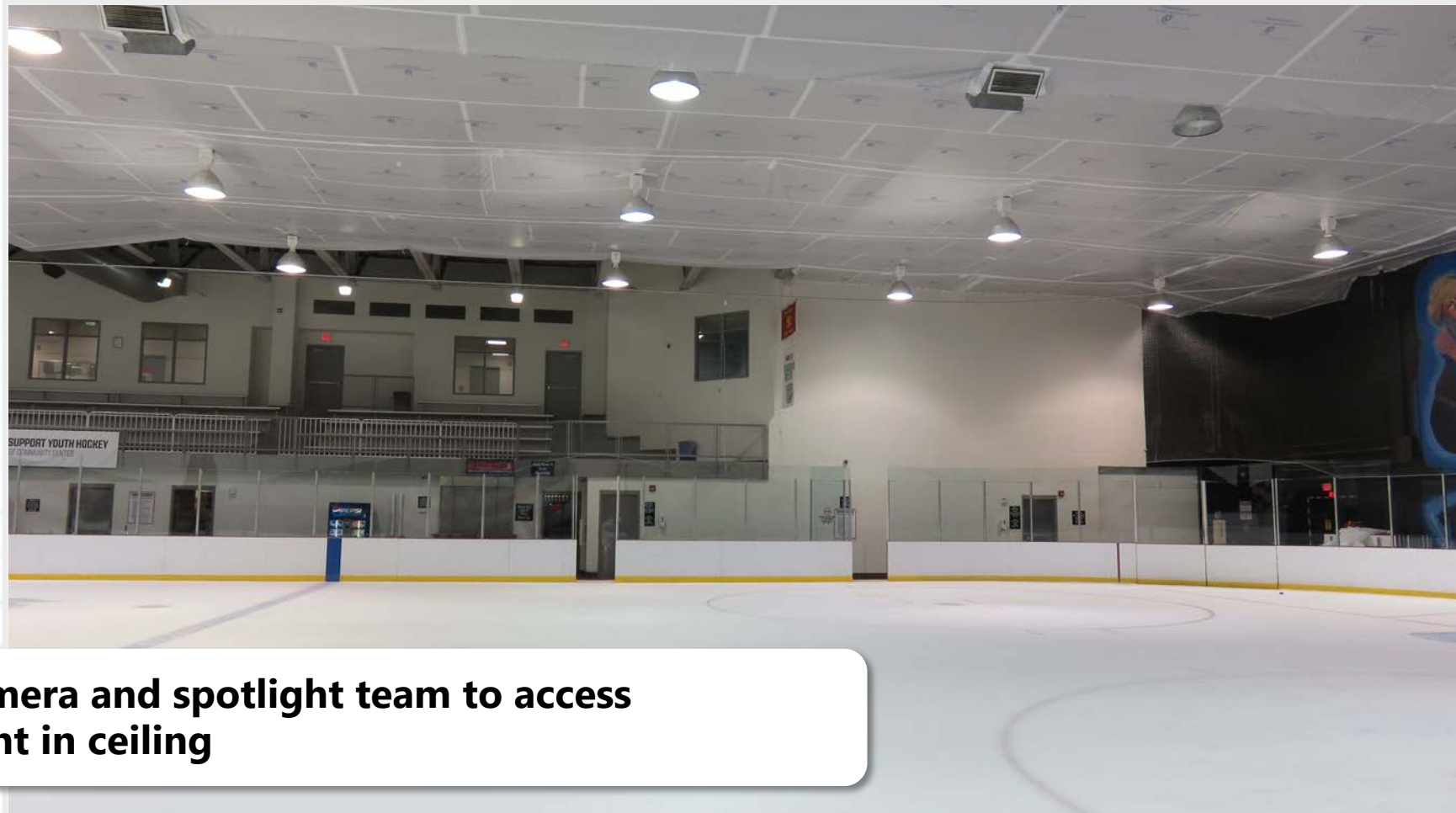
SmartSeam®



Protect areas below the ceiling where people work

TUFFWRAP SOLUTION

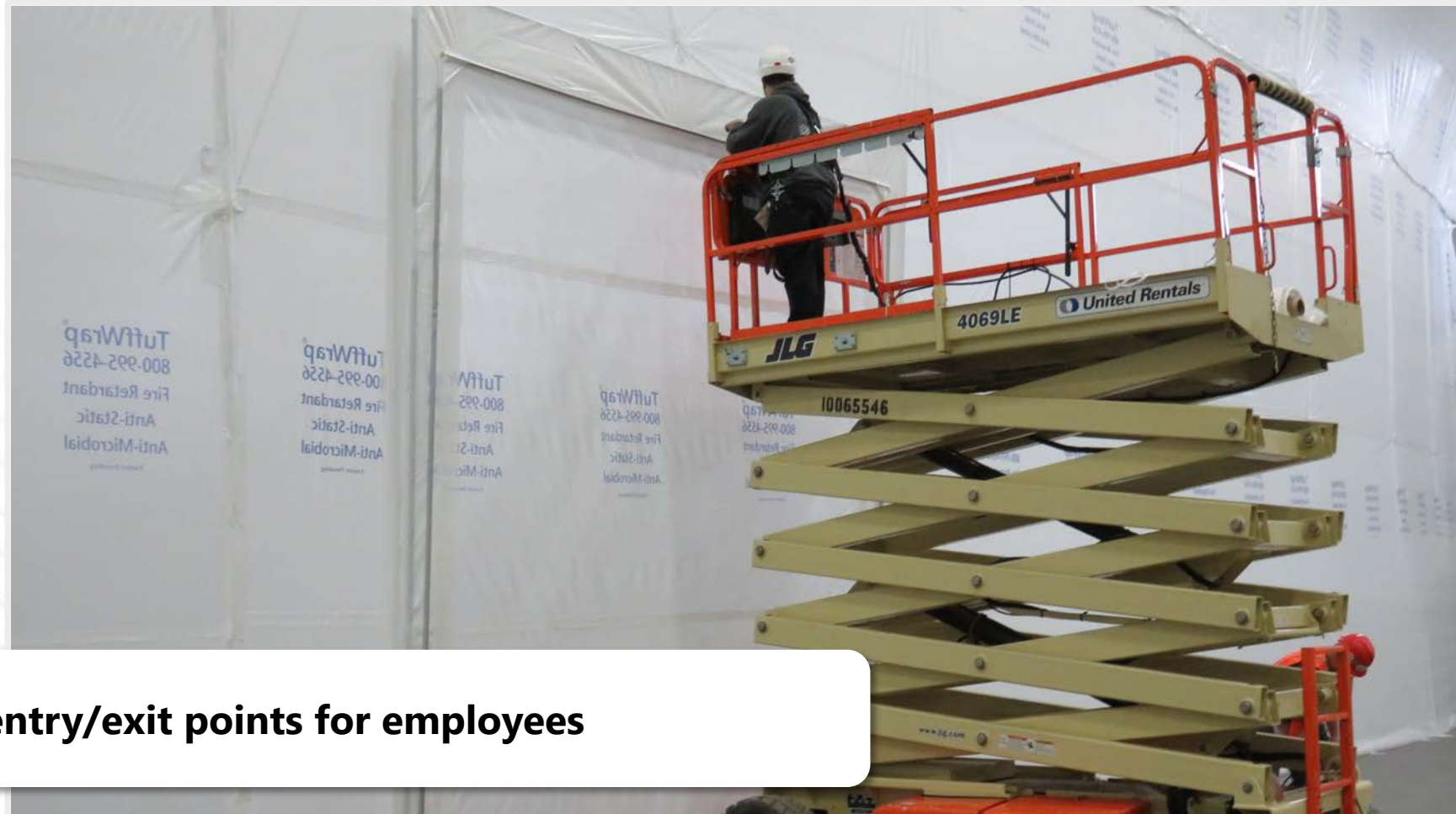
SmartSeam®



Allow camera and spotlight team to access equipment in ceiling

TUFFWRAP SOLUTION

SmartSeam®



Provide entry/exit points for employees

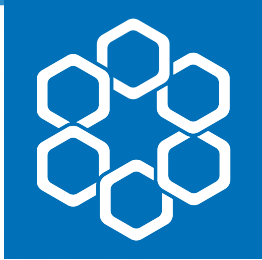
TUFFWRAP SOLUTION

SmartSeam®



Maintain normal airflow above catwalk

WHY CLIENTS RAVE ABOUT TUFFWRAP



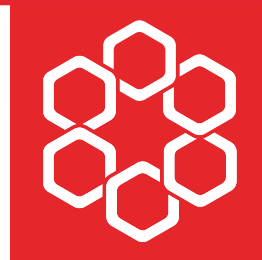
**Pioneers in
dust & debris
containment.
20+ years of
growth and
success**



**Covers North
America
Sales, Project
Managers &
Install Teams**

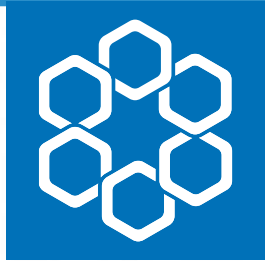


**Project
Solutions
Customized
approach to
specific job
requirements**



**Highly Trained
Install Team
handles any
job and time
frame**

WHY CLIENTS RAVE ABOUT TUFFWRAP



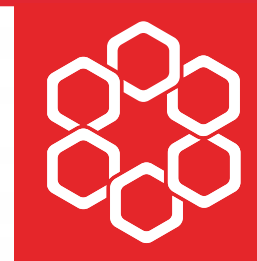
In-house
Safety
Program and
full time
Safety
Manager



No subs,
only
TuffWrap
employees



Dedicated
Operations
Team
manages all
jobs/sources
supplies



Code
Compliant
SmartSeam®
keeps fire
sprinklers
operational

QUESTIONS & ANSWERS

- Addressing your challenges
- Scheduling concerns
- Mitigating risks



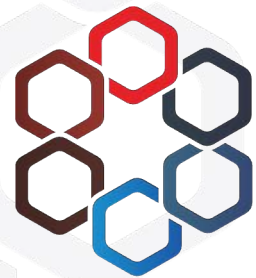
INNOVATION IN DUST &
DEBRIS CONTAINMENT

NEXT STEPS

- Specific step
- Action item
- Action item
- Proposed schedule



INNOVATION IN DUST &
DEBRIS CONTAINMENT



TuffWrap[®]
Protecting People, Products & Property

Tuff on Dust and Debris.
Protecting People, Products & Property.

(800) 995-4556 | www.tuffwrap.com

Aerospace | Food & Beverage | Industrial &
Commercial | Manufacturing | Pharmaceutical | Warehouse & Distribution

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TUFFWRAP SOLUTION



Note: RSM to input custom bullet points and replace examples.

** Delete note when done.*

- Ensure heavier pieces of debris are captured
- Protect specialized areas near the ceiling where people work
- Allow camera and spotlight team to access equipment in ceiling
- Provide entry/exit points for employees
- Maintain normal airflow above catwalk

WHY CLIENTS RAVE ABOUT TUFFWRAP

- **Pioneers in dust & debris containment**
- **20+ years of growth & success**
- **Problem solvers & creative solution providers**
- **Rgnl. Sales Managers & Install Teams cover North America**
- **Provides quick estimates**
- **Highly trained Install Team handles any job and time frames**

WHY CLIENTS RAVE ABOUT TUFFWRAP

- **In-house safety program and full time Safety Manager to ensure safety compliance with OSHA and lift certifications**
- **No subs or labor-ready workforce - only TuffWrap employees**
- **Dedicated Operations Team manages all jobs & sources all supplies**
- **SmartSeam® solution, only code compliant company, provides peace of mind the fire suppression system will be fully functional**

WHY ROOFERS LOOKS TO TUFFWRAP?

- **Safety First – Our Safety Program includes:**
 - OSHA-10/OSHA-30 certification for Installers, Crew Leaders, and Project Managers/Estimators.
 - TuffWrap's Raise the Awareness Safety Program and JHA/SPA requirements at every job site.
 - OSHA-certified Safety Manager on staff.
 - PA certified In-house Safety Committee oversees our safety policies and processes.

WHY ROOFERS LOOKS TO TUFFWRAP?

- **TuffWrap Installations Team – working together**
 - Regional Sales Managers available nationwide to help clients' plan for interior protection.
 - Project Manager/Estimators located regionally to estimate and manage projects.
 - Fully staffed headquarters dedicated to the details of each project.
 - 100% Employee Installation Team always onsite.

TUFFWRAP SOLUTION

- **Prioritize Coordination and Communication**
 - Work organized according to the facility's schedule
 - Establish point of contact for job
- **Install Safety Netting**
 - First layer of protection from dust and debris
 - Provides additional strength

TUFFWRAP SOLUTION

- **Install SmartSeam® Suspended Cover**
 - Second layer of protection from dust and debris
 - 100% Code Compliant suspended cover
- **Design and Install Specialized Tunnels**
 - Provide safe and clean entry/exit points for employees
- **Create Specialized Air Baffles**
 - Maintain normal airflow above catwalk

ROOF REPLACEMENT - Coliseum





100% CODE COMPLIANT SUSPENDED COVER

Protect Valuable Assets from Above



FLAME RETARDANT



ANTISTATIC



ANTIMICROBIAL



CODE COMPLIANT



INNOVATIVE SCRIM
DESIGN



STRONG 4-PLY
MATERIAL



HEAT REACTIVE
THREAD



PROTECTIVE
DUST CAP



SmartSeam®

100% CODE COMPLIANT

International Fire & Building Code
Standards, UL 723S, & NFPA 13

Patented TuffWrap's SmartSeam® keeps fire sprinklers operational



SmartSeam[®]

100% CODE COMPLIANT SUSPENDED COVER
Approved to be used underneath fire sprinkler systems

