



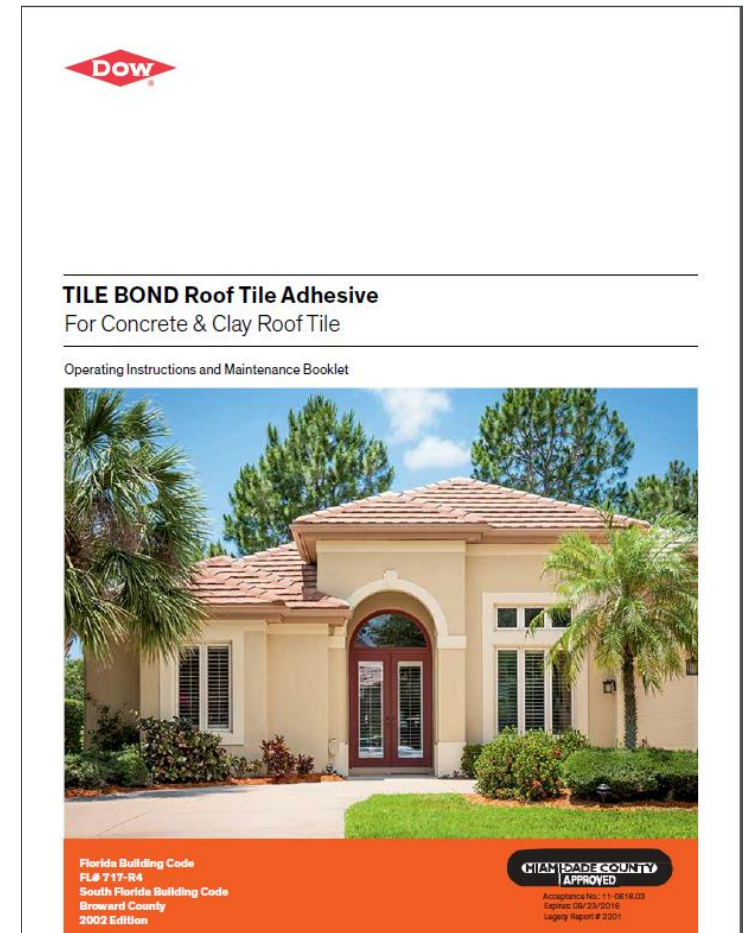
## Building Solutions



# TILEBOND Installer & Instructor Training

## Safety first...

- Always follow proper application procedures
- Check with manufacturer and local safety regulations
- Wear suitable protective clothing, eyewear and gloves. Refer to (Material) Safety Data Sheet ((M)SDS) for additional details
- Work in well ventilated area





# Installation Guidelines

## ■ Application Conditions

- Optimum Application Temperature - 70-90° F
- Working/Open Time – Under optimum conditions set tile in adhesive pad within 4 minutes of dispensing adhesive.
- High temperature and humidity will accelerate the curing process.
- Lower temperature and humidity will slow down the curing process.
- Damp underlayment and tile are not a problem, but there should not be standing water.

## Low/Flat + Medium Profile – With/Without Battens

- Use table to get proper adhesive pad size
  - e.g., for below paddy size , the pad compresses to 2" x 11" (min) giving a min. 19-1/2 sq. in. contact area per pad
- Check at least 1 tile/square to confirm contact area
- Modify pad size and placement to accommodate difference...but don't reduce contact area

<i>Over 110 mph &amp; HVHZ areas</i>	<i>1" W x 1" H x 8" L</i>
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HVHZ = High Velocity Hurricane Zones



## High Profile – With/Without Battens

- Pitches above 6:12 (including 7:12): nail every 3rd tile in every 5th course, plus adhesive
- Pitches above 7:12: Nail every tile or use batten strips, plus adhesive



**NOTE:** Adhesive shown is for demo purposes only. Actual adhesive patty will vary.

## High Profile – With/Without Battens

- Use table to get proper adhesive pad size
- Check at least 1 tile/square to confirm contact area
- Modify pad size and placement to accommodate difference... but don't reduce contact area

<i>Over 110 mph and HVHZ</i>	<i>1" W x 1" H x 8" L (head lap)</i> <i>4" W x 2" H x 4" L (anchor lug)</i>
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HVHZ = High Velocity Hurricane Zones

# Installation Guidelines

NOTE: DRAWING NOT TO SCALE

APPLY A BEAD OF TILE BOND™ ADHESIVE  
ACROSS THE TOP OF THE RIDGE TILE IN  
THE HEAD LAP AREA

HIP & RIDGE:  
A 1"W X 1"H X 10"L PAD OF TILE BOND  
ADHESIVE PLACED ON TOP OF RIDGE  
BOARD TO THE TILE CONTACT POINT  
TO ADHERE RIDGE TILE

2 #8 2-1/2" SCREWS

APPLY ADHESIVE PAD DIRECTLY ONTO  
THE HEADLAP AREA OF THE PRECEDING  
COURSE ON THE OVER-LOCK SIDE OF  
THE TILE 1"W x 1"H x 8" L

EAVE TILE:  
DISPENSE A 1-1/2"W X 1"H X 6"L ADHESIVE  
PAD ONTO THE WOOD FILLERS STRIP, CANT  
OR RAISED FASCIA IN EITHER DIRECTION TO  
MAXIMIZE CONTACT AREA

NOTE:  
CONTACT AREA IS 19.5 SQUARE INCHES  
MINIMUM

FIELD TILE LEGEND:

PROPER ADHESIVE PAD  
1"W X 1"H X 8"L

## FLAT PROFILE W/O BATTENS





# Installation Guidelines

NOTE: DRAWING NOT TO SCALE

APPLY A BEAD OF TILE BOND™ ADHESIVE  
ACROSS THE TOP OF THE RIDGE TILE IN  
THE HEAD LAP AREA

HIP & RIDGE:  
A 1"W X 1"H X 10"L PAD OF TILE BOND  
ADHESIVE PLACED ON TOP OF RIDGE  
BOARD TO THE TILE CONTACT POINT  
TO ADHERE RIDGE TILE

2 #8 2-1/2" SCREWS

APPLY ADHESIVE PAD DIRECTLY ONTO  
THE HEADLAP AREA OF THE PRECEDING  
COURSE ON THE OVER-LOCK SIDE OF  
THE TILE 1"W X 1"H X 8" L

EAVE TILE:  
DISPENSE A 1-1/2"W X 1"H X 6"L ADHESIVE  
PAD ONTO THE WOOD FILLERS STRIP, CANT  
OR RAISED FASCIA IN EITHER DIRECTION TO  
MAXIMIZE CONTACT AREA

NOTE:  
CONTACT AREA FOR MEDIUM TILE PROFILE IS  
19.5 INCHES MINIMUM

FIELD TILE LEGEND

PROPER ADHESIVE PAD SIZE  
1"W X 1"H X 8" L

## MEDIUM PROFILE W/O BATTENS

®™ Trademark of The Dow Chemical Company (\*Dow\*) or an affiliated company of Dow

REFERENCE DETAIL: REGISTERED PROFESSIONAL TO REVIEW PRIOR TO USE



# Installation Guidelines

NOTE: DRAWING NOT TO SCALE

APPLY A BEAD OF TILE BOND™ ADHESIVE ACROSS THE TOP OF THE RIDGE TILE IN THE HEAD LAP AREA

HIP & RIDGE:  
A 1"W X 1"H X 10"L PAD OF TILE BOND ADHESIVE PLACED ON TOP OF RIDGE BOARD TO THE TILE CONTACT POINT TO ADHERE RIDGE TILE

2 #8 2-1/2" SCREWS

APPLY ADHESIVE PAD DIRECTLY ONTO THE HEADLAP AREA OF THE PRECEDING COURSE ON THE OVER-LOCK SIDE OF THE TILE 1"W X 1"H X 8" L BEAD

EAVE TILE:  
DISPENSE A 1-1/2"W X 1"H X 6"L ADHESIVE PAD ONTO THE WOOD FILLERS STRIP, CANT OR RAISED FASCIA IN EITHER DIRECTION TO MAXIMIZE CONTACT AREA

NOTE:  
CONTACT AREA FOR HIGH PROFILE IS HEAD AREA 39 SQ.IN. MINIMUM & ANCHOR OR NOSE AREA IS 19.5 SQ.IN. MINIMUM

FIELD TILE LEGEND:

ANCHOR LUG: 4"W X 2"H X 4"L  
HEAD LAP: 1"W X 1"H X 8"L

HIGH PROFILE W/O BATTENS



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REFERENCE DETAIL: REGISTERED PROFESSIONAL TO REVIEW PRIOR TO USE



Place foam on block



**WEAR** suitable protective clothing (cover all skin);  
Eyewear  
And Gloves



## Place foam at tile head area



WEAR suitable protective  
clothing (cover all skin);  
Eyewear  
And Gloves



## Place Tile starting at bird stop



WEAR suitable protective  
clothing (cover all skin);  
Eyewear  
And Gloves



## Place tile



**WEAR** suitable protective clothing (cover all skin);  
Eyewear  
And Gloves



## Check contact area



WEAR suitable protective  
clothing (cover all skin);  
Eyewear  
And Gloves

## Good Contact Area



WEAR suitable protective clothing (cover all skin);  
Eyewear  
And Gloves





WEAR suitable protective  
clothing (cover all skin);  
Eyewear  
And Gloves



WEAR suitable protective clothing (cover all skin);  
Eyewear  
And Gloves





WEAR suitable protective  
clothing (cover all skin);  
Eyewear  
And Gloves

## What is wrong with this picture?



WEAR suitable protective clothing (cover all skin);  
Eyewear  
And Gloves



## How about this?



WEAR suitable protective clothing (cover all skin);  
Eyewear  
And Gloves



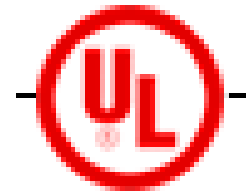
## Inadequate contact area



WEAR suitable protective clothing (cover all skin);  
Eyewear  
And Gloves

## Approval Testing overviews

- Passed UL ASTM E108 fire testing
- TEXAS Department of Insurance Approval
- Florida Product Approval
- Miami Dade- Notice of Acceptance
- UL Code Evaluation Report ER18231







Quiz Time

