JOINT SYSTEM DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES)

TWO-SIDED APPLICATIONS

FLOOR OR ROOF OVER METAL DECK

MINERAL WOOL OR GLASS-FIBER INSULATION

MIN. 1/8” (WET) CP 572 W/ MIN. 1/2” OVERLAPS ONTO NON-RATED GYPSUM WALL PERPENDICULAR TO FLUTES

ONE-SIDED APPLICATIONS

FLOOR OR ROOF OVER METAL DECK

MINERAL WOOL OR GLASS-FIBER INSULATION

MIN. 1/8” (WET) CP 572 W/ MIN. 1/2” OVERLAPS ONTO NON-RATED GYPSUM WALL PERPENDICULAR TO FLUTES

LIMITATIONS:
- HILTI CP 572 SMOKE AND ACOUSTIC SPRAY MAY BE INSTALLED WHERE IT IS NECESSARY TO RESTRICT SMOKE MIGRATION THROUGH NON FIRE-RATED ASSEMBLIES.
- NOT FOR FIRE-RATED ASSEMBLIES.
- NOT FOR USE WITH CPVC PIPING.
- REFER TO PRODUCT LITERATURE FOR COMPLETE DETAILS ON INSTALLATION, SUITABLE APPLICATIONS, AND LIMITATIONS.
- FOR APPLICATIONS THAT DO NOT MEET THE CONDITIONS ABOVE, CONTACT HILTI TECHNICAL SUPPORT.
- THESE DETAILS REPRESENT GENERAL INSTALLATION GUIDELINES TO SATISFY SMOKE PARTITION SEALING REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (2003, 2006, OR 2009) OBTAIN AUTHORITY HAVING JURISDICTION APPROVAL PRIOR TO INSTALLATION.

HILTI, Inc.
Tulsa, Oklahoma USA (800) 879-8000

Sheet 1 of 1
Scale 7/64” = 1”
Date Mar. 19, 2012

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JOINT SYSTEM DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES)

TWO-SIDED APPLICATIONS

FLOOR OR ROOF OVER METAL DECK

MINERAL WOOL OR GLASS-FIBER INSULATION

MIN. 1/8" (WET) CP 572 W/ MIN. 1/2" OVERLAPS ONTO SUBSTRATES NON-RATED BLOCK WALL PERPENDICULAR TO FLUTES

ONE-SIDED APPLICATIONS

FLOOR OR ROOF OVER METAL DECK

MINERAL WOOL OR GLASS-FIBER INSULATION

MIN. 1/8" (WET) CP 572 W/ MIN. 1/2" OVERLAPS ONTO SUBSTRATES NON-RATED BLOCK WALL PERPENDICULAR TO FLUTES

LIMITATIONS:
- HILTI CP 572 SMOKE AND ACOUSTIC SPRAY MAY BE INSTALLED WHERE IT IS NECESSARY TO RESTRICT SMOKE MIGRATION THROUGH NON FIRE-RATED ASSEMBLIES.
- NOT FOR FIRE-RATED ASSEMBLIES.
- NOT FOR USE WITH CPVC PIPING.
- REFER TO PRODUCT LITERATURE FOR COMPLETE DETAILS ON INSTALLATION, SUITABLE APPLICATIONS, AND LIMITATIONS.
- FOR APPLICATIONS THAT DO NOT MEET THE CONDITIONS ABOVE, CONTACT HILTI TECHNICAL SUPPORT.
- THESE DETAILS REPRESENT GENERAL INSTALLATION GUIDELINES TO SATISFY SMOKE PARTITION SEALING REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (2003, 2006, OR 2009) OBTAIN AUTHORITY HAVING JURISDICTION APPROVAL PRIOR TO INSTALLATION.

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Sheet 1 of 1 Drawing No. J-572-2c

Scale 7/64" = 1"
Date Mar. 19, 2012

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JOINT SYSTEM DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES)

TWO-SIDED APPLICATIONS

CONCRETE FLOOR

MINERAL WOOL OR GLASS-FIBER INSULATION

MIN. 1/8" (WET) CP 572 W/ MIN. 1/2" OVERLAPS ONTO SUBSTRATES NON-RATED GYPSUM WALL

ONE-SIDED APPLICATIONS

CONCRETE FLOOR

MINERAL WOOL OR GLASS-FIBER INSULATION

MIN. 1/8" (WET) CP 572 W/ MIN. 1/2" OVERLAPS ONTO SUBSTRATES NON-RATED GYPSUM WALL

LIMITATIONS:
- HILTI CP 572 SMOKE AND ACOUSTIC SPRAY MAY BE INSTALLED WHERE IT IS NECESSARY TO RESTRICT SMOKE MIGRATION THROUGH NON FIRE-RATED ASSEMBLIES.
- NOT FOR FIRE-RATED ASSEMBLIES.
- NOT FOR USE WITH CPVC PIPING.
- REFER TO PRODUCT LITERATURE FOR COMPLETE DETAILS ON INSTALLATION, SUITABLE APPLICATIONS, AND LIMITATIONS.
- FOR APPLICATIONS THAT DO NOT MEET THE CONDITIONS ABOVE, CONTACT HILTI TECHNICAL SUPPORT.
- THESE DETAILS REPRESENT GENERAL INSTALLATION GUIDELINES TO SATISFY SMOKE PARTITION SEALING REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (2003, 2006, OR 2009) OBTAIN AUTHORITY HAVING JURISDICTION APPROVAL PRIOR TO INSTALLATION.

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Sheet 1 of 1
Scale 7/64" = 1"
Date Dec. 09, 2011

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THROUGH PENETRATION DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES)

**TWO-SIDED APPLICATIONS**

- Non-Rated Gypsum Wall
- Through Penetration
- Mineral Wool or Glass-Fiber Insulation
- Min 1/8" (Wet) CP 572 W/ Min 1/2" Overlaps Onto Substrates

**ONE-SIDED APPLICATIONS**

- Non-Rated Gypsum Wall
- Through Penetration
- Mineral Wool or Glass-Fiber Insulation
- Min 1/8" (Wet) CP 572 W/ Min 1/2" Overlaps Onto Substrates

**LIMITATIONS:**
- Hilti CP 572 smoke and acoustic spray may be installed where it is necessary to restrict smoke migration through non fire-rated assemblies.
- Not for fire-rated assemblies.
- Not for use with CPVC piping.
- Refer to product literature for complete details on installation, suitable applications, and limitations.
- For applications that do not meet the conditions above, contact Hilti technical support.

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Sheet 1 of 1
Scale 1/8" = 1" 
Date Dec. 09, 2011

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LIMITATIONS:

- HILTI CP 572 SMOKE AND ACOUSTIC SPRAY MAY BE INSTALLED WHERE IT IS NECESSARY TO RESTRICT SMOKE MIGRATION THROUGH NON FIRE-RATED ASSEMBLIES.
- NOT FOR FIRE-RATED ASSEMBLIES.
- NOT FOR USE WITH PVC PIPING.
- REFER TO PRODUCT LITERATURE FOR COMPLETE DETAILS ON INSTALLATION, SUITABLE APPLICATIONS, AND LIMITATIONS.
- FOR APPLICATIONS THAT DO NOT MEET THE CONDITIONS ABOVE, CONTACT HILTI TECHNICAL SUPPORT.
- THESE DETAILS REPRESENT GENERAL INSTALLATION GUIDELINES TO SATISFY SMOKE PARTITION SEALING REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (2003, 2006, OR 2009). OBTAIN AUTHORITY HAVING JURISDICTION APPROVAL PRIOR TO INSTALLATION.
LIMITATIONS:

- HILTI CP 572 SMOKE AND ACOUSTIC SPRAY MAY BE INSTALLED WHERE IT IS NECESSARY TO RESTRICT SMOKE MIGRATION THROUGH NON FIRE-RATED ASSEMBLIES.
- NOT FOR FIRE-RATED ASSEMBLIES.
- NOT FOR USE WITH CPVC PIPING.
- REFER TO PRODUCT LITERATURE FOR COMPLETE DETAILS ON INSTALLATION, SUITABLE APPLICATIONS, AND LIMITATIONS.
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MIN. 1/8” (WET)
CP 572 WITH MIN. 1/2” OVERLAPS ONTO BOTH SIDES OF DRYWALL JOINT

NON-RATED GYPSUM WALL