

- 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	Mar. 19, 2012

Drawing No.

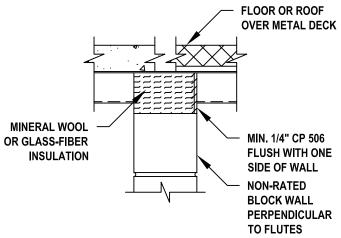
J-506-1c

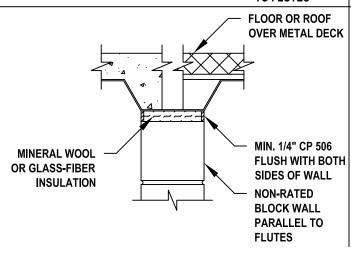
JOINT SYSTEM DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES)

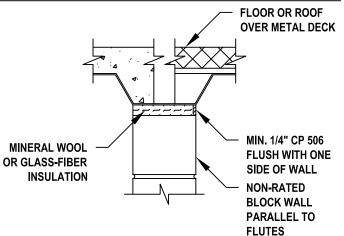
TWO-SIDED APPLICATIONS

MINERAL WOOL OR GLASS-FIBER INSULATION MIN. 1/4" CP 506 FLUSH WITH BOTH SIDES OF WALL NON-RATED BLOCK WALL PERPENDICULAR TO FLUTES

ONE-SIDED APPLICATIONS







LIMITATIONS :

- HILTI CP 506 SMOKE AND ACOUSTIC SEALANT MAY BE INSTALLED WHERE IT IS NECESSARY TO RESTRICT SMOKE MIGRATION THROUGH NON FIRE-RATED ASSEMBLIES.
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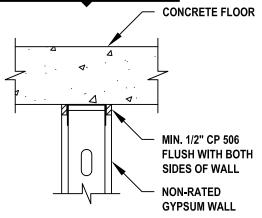
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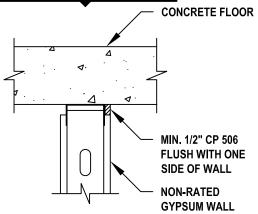
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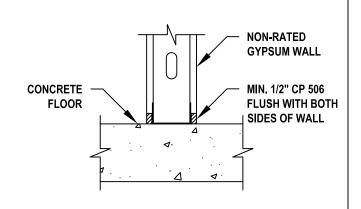
JOINT SYSTEM DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES)

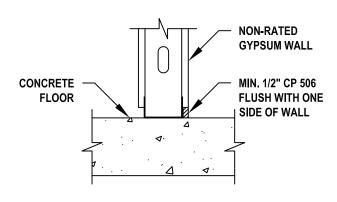
TWO-SIDED APPLICATIONS

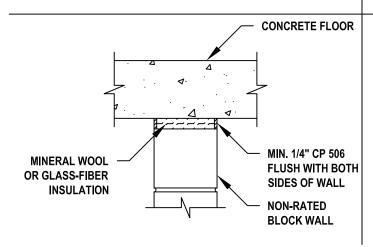


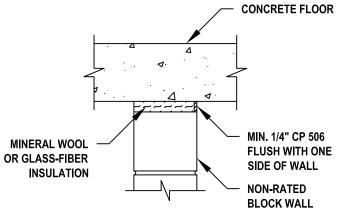
ONE-SIDED APPLICATIONS











LIMITATIONS :

- HILTI CP 506 SMOKE AND ACOUSTIC SEALANT MAY BE INSTALLED WHERE IT IS NECESSARY TO RESTRICT SMOKE MIGRATION THROUGH NON FIRE-RATED ASSEMBLIES.
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Scale	7/64" = 1"
Date	Dec. 09, 2011

Drawing No.

J-506-3b

THROUGH PENETRATION DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES) **TWO-SIDED APPLICATIONS ONE-SIDED APPLICATIONS NON-RATED NON-RATED GYPSUM WALL GYPSUM WALL THROUGH THROUGH PENETRATION PENETRATION MINERAL WOOL** MIN. 1/4" CP 506 MINERAL WOOL MIN. 1/4" CP 506 **OR GLASS-FIBER FLUSH WITH OR GLASS-FIBER FLUSH WITH INSULATION BOTH SIDES OF INSULATION** ONE SIDE OF WALL WALL NON-RATED NON-RATED **BLOCK WALL BLOCK WALL THROUGH** THROUGH **PENETRATION PENETRATION** MIN. 1/4" CP 506 MIN. 1/4" CP 506 MINERAL WOOL MINERAL WOOL

LIMITATIONS:

OR GLASS-FIBER

INSULATION

• HILTI CP 506 SMOKE AND ACOUSTIC SEALANT MAY BE INSTALLED WHERE IT IS NECESSARY TO RESTRICT SMOKE MIGRATION THROUGH NON FIRE-RATED ASSEMBLIES.

OR GLASS-FIBER

INSULATION

- NOT FOR FIRE-RATED ASSEMBLIES.
- NOT FOR USE WITH CPVC PIPING.
- REFER TO PRODUCT LITERATURE FOR COMPLETE DETAILS ON INSTALLATION, SUITABLE APPLICATIONS, AND LIMITATIONS.

FLUSH WITH

WALL

BOTH SIDES OF

- 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	1/8" = 1"	
Date	Dec. 09, 2011	TF

Drawing No.

FLUSH WITH

ONE SIDE OF

WALL

||TP-506-1b

THROUGH PENETRATION DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES) **TWO-SIDED APPLICATIONS ONE-SIDED APPLICATIONS NON-RATED NON-RATED GYPSUM WALL GYPSUM WALL OPTIONAL OPTIONAL** SLEEVE SLEEVE MIN. 1/2" CP 506 MIN. 1/2" CP 506 THROUGH **THROUGH FLUSH WITH FLUSH WITH ONE PENETRATION BOTH SIDES OF PENETRATION** SIDE OF WALL WALL MIN. 1/2" CP 506 MIN. 1/2" CP 506 AT POINT OF AT POINT OF CONTACT CONTACT NON-RATED NON-RATED **BLOCK WALL BLOCK WALL** OPTIONAL **OPTIONAL** SLEEVE SLEEVE MIN. 1/2" CP 506 MIN. 1/2" CP 506 THROUGH **FLUSH WITH** THROUGH **FLUSH WITH ONE** PENETRATION **PENETRATION BOTH SIDES OF** SIDE OF WALL WALL MIN. 1/2" CP 506 MIN. 1/2" CP 506 AT POINT OF AT POINT OF CONTACT CONTACT

LIMITATIONS :

- HILTI CP 506 SMOKE AND ACOUSTIC SEALANT MAY BE INSTALLED WHERE IT IS NECESSARY TO RESTRICT SMOKE MIGRATION THROUGH NON FIRE-RATED ASSEMBLIES.
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Sheet	1 of 1
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Drawing No.

TP-506-2b