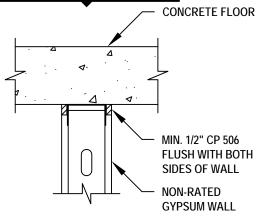
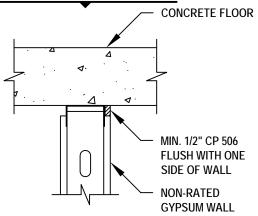
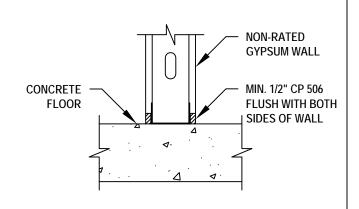
# JOINT SYSTEM DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES)

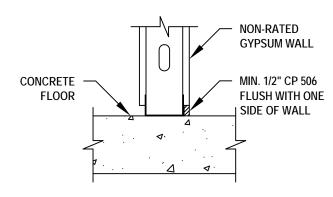
### TWO-SIDED APPLICATIONS

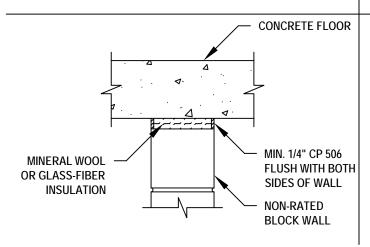


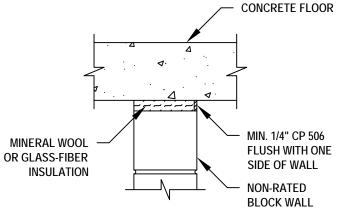
## **ONE-SIDED APPLICATIONS**











#### LIMITATIONS :

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

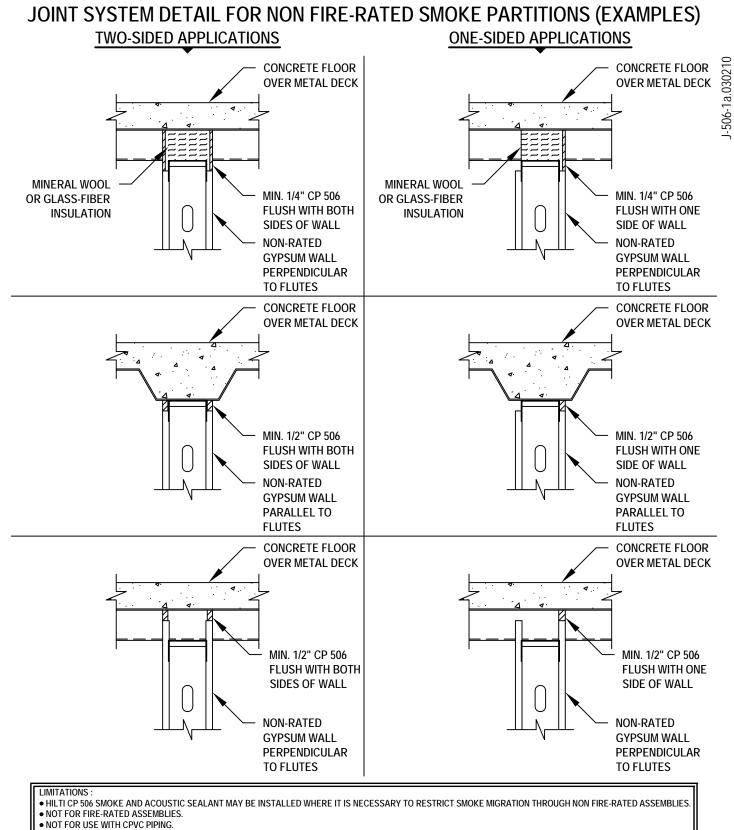


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Sheet	1 of 1
Scale	7/64" = 1"
Date	Mar. 02, 2010

Drawing No.

J-506-3a



- 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. 02, 2010	IJ

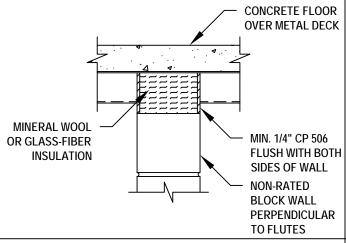
Drawing No.

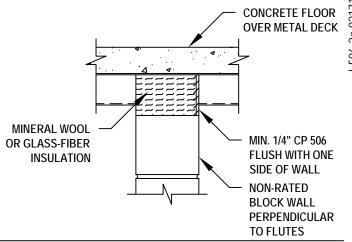
J-506-1a

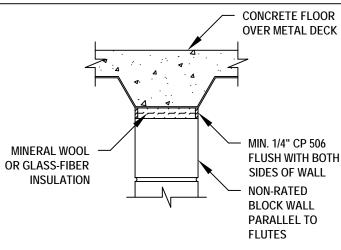
# JOINT SYSTEM DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES)

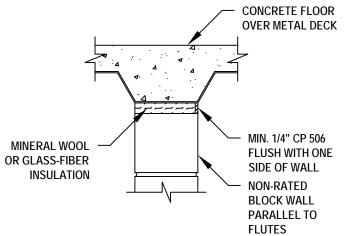
## **TWO-SIDED APPLICATIONS**

## 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.
- 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.

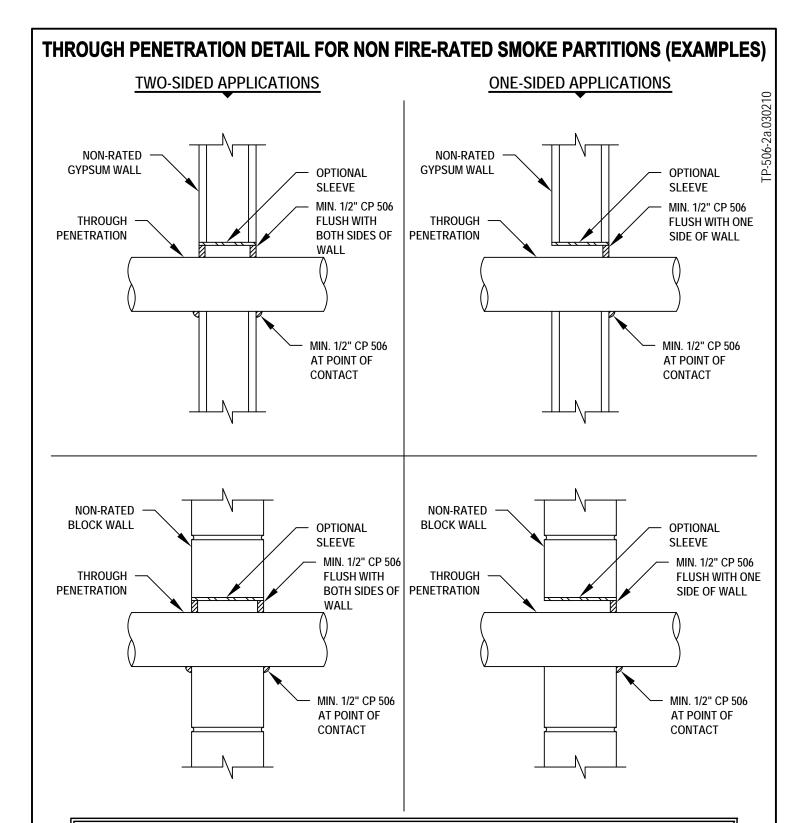


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Sheet	1 of 1	
Scale	7/64" = 1"	
Date	Feb. 17, 2010	IJ

Drawing No.

J-506-2a



#### LIMITATIONS :

- HILTI CP 506 SMOKE AND ACOUSTIC SEALANT 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.
- ullet 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	Mar 02 2010	

Drawing No.

TP-506-2a

## THROUGH PENETRATION DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES) TWO-SIDED APPLICATIONS **ONE-SIDED APPLICATIONS** TP-506-1a.021710 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**

#### LIMITATIONS :

MINERAL WOOL

**INSULATION** 

OR GLASS-FIBER

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

MINERAL WOOL

**INSULATION** 

OR GLASS-FIBER

MIN. 1/4" CP 506

**BOTH SIDES OF** 

**FLUSH WITH** 

WALL

- 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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MIN. 1/4" CP 506

**FLUSH WITH** 

ONE SIDE OF

WALL

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