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 MINERAL WOOL MINERAL WOOL MIN, 1/4" CP 506

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, 2009, 2012, 2015, OR 2018). OBTAIN AUTHORITY HAVING JURISDICTION APPROVAL PRIOR TO INSTALLATION.



HILTI, Inc. Plano, Texas USA (800) 879-8000

Sheet	1 of 1
Scale	1/8" = 1"
Date	Oct. 29, 2018

Drawing No.

FLUSH WITH

ONE SIDE OF

WALL

TP-506-1c

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 **FLUSH WITH** THROUGH THROUGH **FLUSH WITH ONE** BOTH SIDES OF PENETRATION **PENETRATION** 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
- NOT FOR FIRE-RATED ASSEMBLIES.
- NOT FOR USE WITH CPVC PIPING.
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- FOR APPLICATIONS THAT DO NOT MEET THE CONDITIONS ABOVE, CONTACT HILTI TECHNICAL SUPPORT.
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