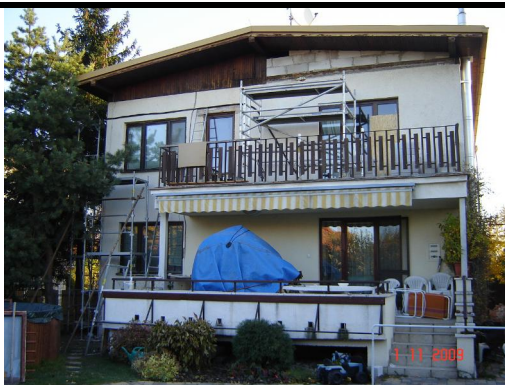

H-AC Projekt s.r.o.

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Termografická skúška podľa STN EN 13187 - zjednodušená

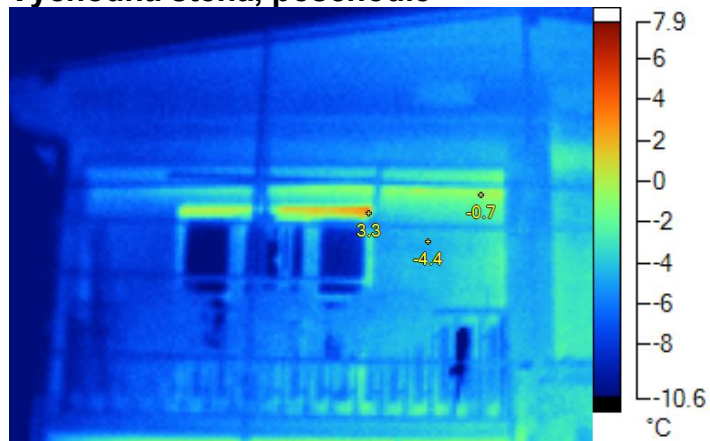
Protokol č.



Prepared For:

Teploty zobrazené na termovízných snímkoch nie sú v tomto prípade absolútne. Je nutné analyzovať rozdiely medzi jednotlivými teplotami.

Východná stena, poschodie



DSC05696.JPG

IR000124.IS2

11/1/2009 7:24:55 AM

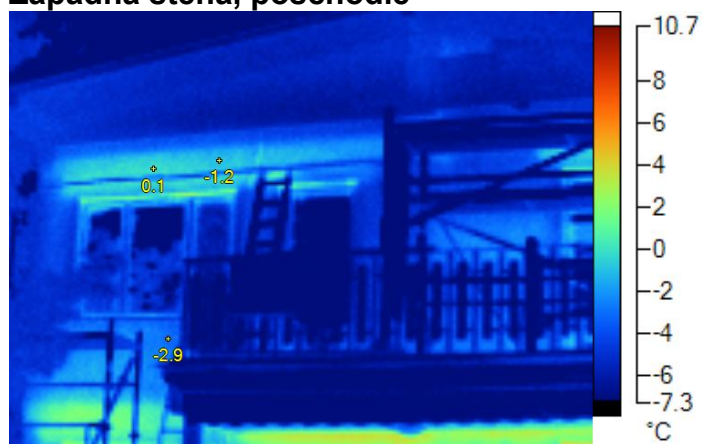
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-10.9°C
Image Range	<-30.0°C to 3.3°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:24:55 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	-0.7°C	0.93	1.0°C
P1	-4.4°C	0.93	1.0°C
P2	3.3°C	0.93	1.0°C

Západná stena, poschodie



IR000132.IS2

11/1/2009 7:31:51 AM

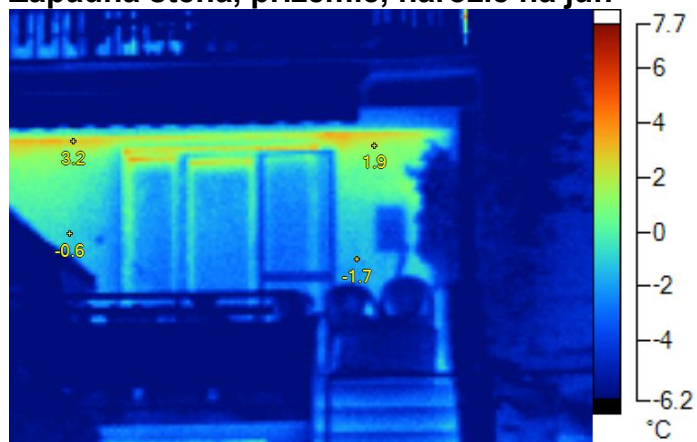
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-7.8°C
Image Range	<-30.0°C to 4.0°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:31:51 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	0.1°C	0.93	1.0°C
P1	-2.9°C	0.93	1.0°C
P2	-1.2°C	0.93	1.0°C

Západná stena, prízemie, nárožie na juh



IR000134.IS2

11/1/2009 7:32:27 AM



DSC05703.JPG

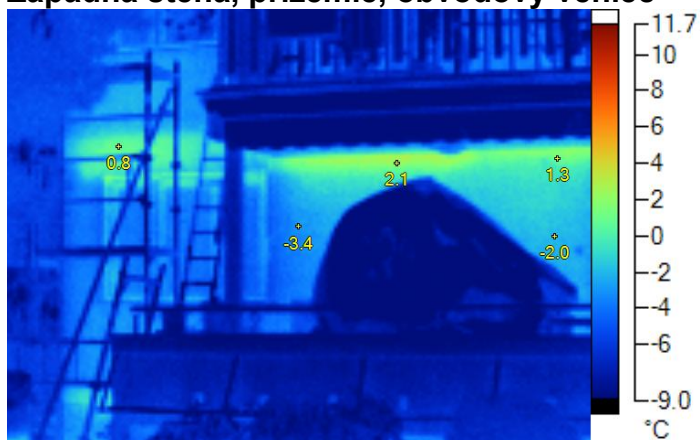
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-7.0°C
Image Range	<-30.0°C to 4.4°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:32:27 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	1.9°C	0.93	1.0°C
P1	-1.7°C	0.93	1.0°C
P2	3.2°C	0.93	1.0°C
P3	-0.6°C	0.93	1.0°C

Západná stena, prízemie, obvodový veniec



IR000136.IS2

11/1/2009 7:34:41 AM

Image Info

Background Temperature	22.0°C
Emissivity	0.95
Average Temperature	-6.8°C
Image Range	<-30.0°C to 2.9°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:34:41 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	0.8°C	0.95	22.0°C
P1	2.1°C	0.95	22.0°C
P2	1.3°C	0.95	22.0°C
P3	-2.0°C	0.95	22.0°C
P4	-3.4°C	0.95	22.0°C

Vonkajší komín od krbu



IR000146.IS2

11/1/2009 7:39:26 AM

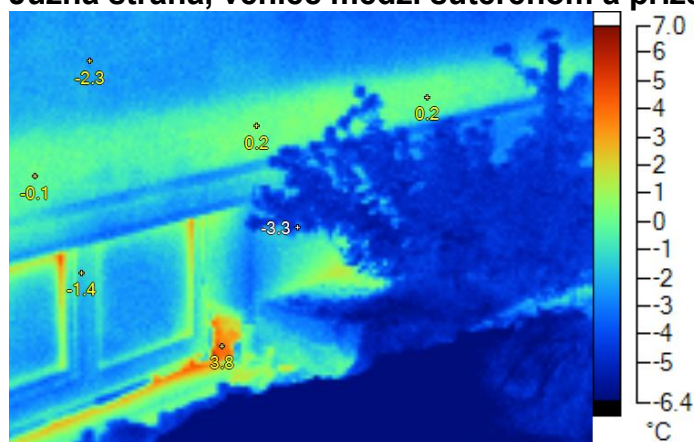
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-4.9°C
Image Range	<-30.0°C to 28.0°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:39:26 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

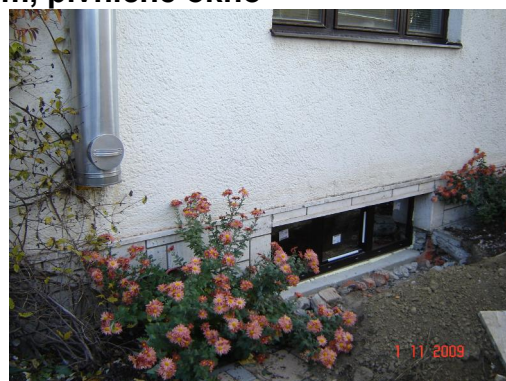
Name	Avg	Min	Max	Emissivity	Background	St. Dev.
A0	4.9°C	<-30.0°C	79.8°C	0.25	1.0°C	38.77
Name	Temperature			Emissivity	Background	
Středový bod	-2.8°C			0.93	1.0°C	

Južná strana, veniec medzi suterénom a prízemím, pivničné okno



IR000148.IS2

11/1/2009 7:41:41 AM



DSC05701.JPG

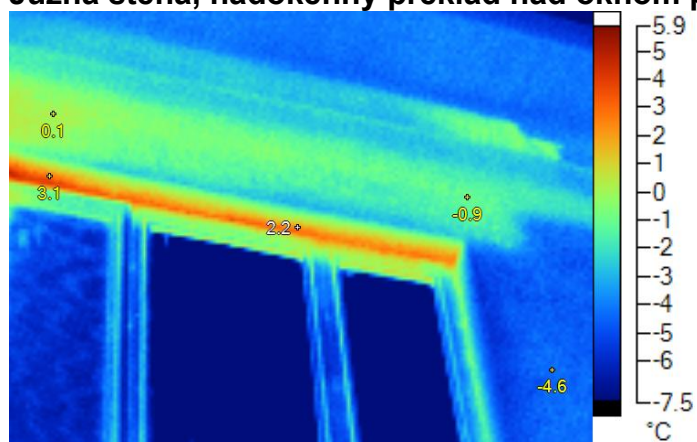
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-3.0°C
Image Range	-8.3°C to 5.2°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:41:41 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
Středový bod	-3.3°C	0.93	1.0°C
P0	0.2°C	0.93	1.0°C
P1	-2.3°C	0.93	1.0°C
P2	0.2°C	0.93	1.0°C
P3	3.8°C	0.93	1.0°C
P4	-1.4°C	0.93	1.0°C
P5	-0.1°C	0.93	1.0°C

Južná stena, nadokenný preklad nad oknom prízemia



IR000153.IS2

11/1/2009 7:44:52 AM



DSC05699.JPG

Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-4.6°C
Image Range	-12.9°C to 4.8°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:44:52 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
Středový bod	2.2°C	0.93	1.0°C
P0	3.1°C	0.93	1.0°C
P1	0.1°C	0.93	1.0°C
P2	-4.6°C	0.93	1.0°C
P3	-0.9°C	0.93	1.0°C



IR000156.IS2

11/1/2009 7:46:13 AM

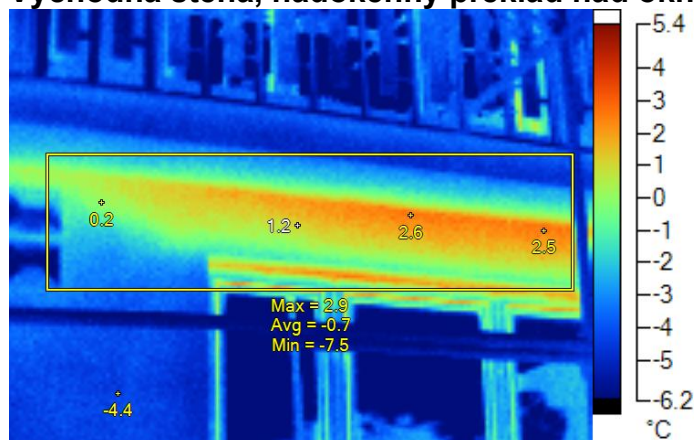
Image Info

Background Temperature	1.0°C
Emissivity	0.95
Average Temperature	0.9°C
Image Range	-6.1°C to 29.0°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:46:13 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Avg	Min	Max	Emissivity	Background	St. Dev.
A0	-2.7°C	-11.8°C	28.8°C	0.85	22.0°C	7.59
Name	Temperature			Emissivity	Background	
Středový bod	8.7°C			0.95	1.0°C	

Východná stena, nadokenný preklad nad oknom prízemia 1



IR000157.IS2

11/1/2009 7:46:44 AM

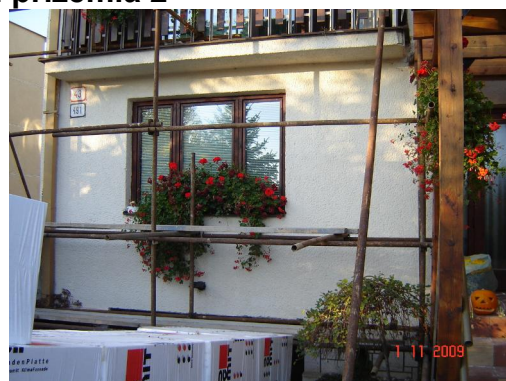
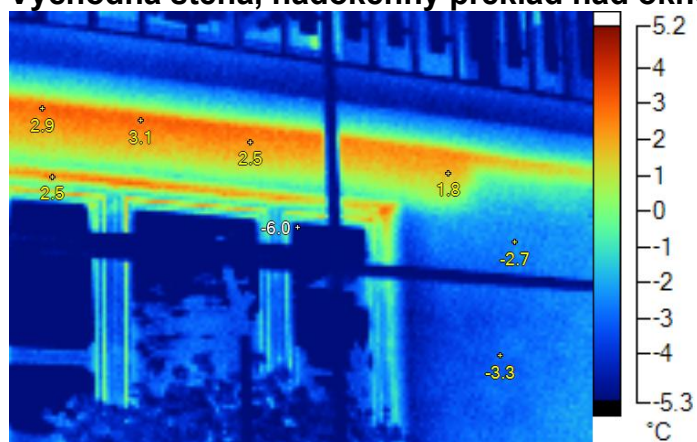
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-3.5°C
Image Range	-10.3°C to 2.9°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:46:44 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Avg	Min	Max	Emissivity	Background	St. Dev.
A0	-0.7°C	-7.5°C	2.9°C	0.93	1.0°C	2.09
Name	Temperature			Emissivity	Background	
Středový bod	1.2°C			0.93	1.0°C	
P0	-4.4°C			0.93	1.0°C	
P1	0.2°C			0.93	1.0°C	
P2	2.5°C			0.93	1.0°C	
P3	2.6°C			0.93	1.0°C	

Východná stena, nadokenný preklad nad oknom prízemia 2



DSC05695.JPG

IR000159.IS2

11/1/2009 7:47:10 AM

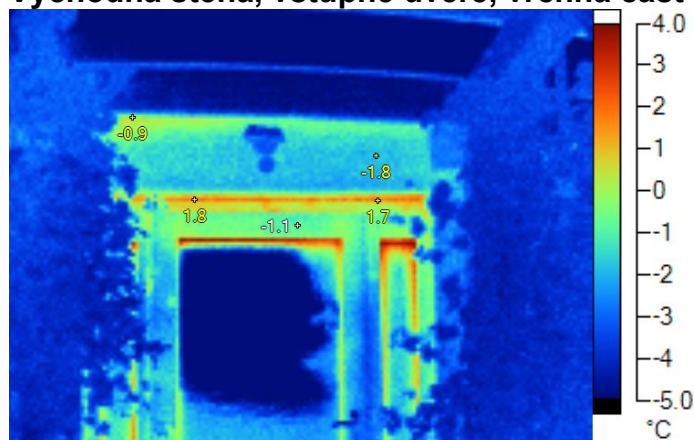
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-3.1°C
Image Range	<-30.0°C to 3.3°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:47:10 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
Středový bod	-6.0°C	0.93	1.0°C
P0	3.1°C	0.93	1.0°C
P1	2.5°C	0.93	1.0°C
P2	1.8°C	0.93	1.0°C
P3	-2.7°C	0.93	1.0°C
P4	-3.3°C	0.93	1.0°C
P5	2.9°C	0.93	1.0°C
P6	2.5°C	0.93	1.0°C

Východná stena, vstupné dvere, vrchná časť



IR000160.IS2

11/1/2009 7:47:32 AM

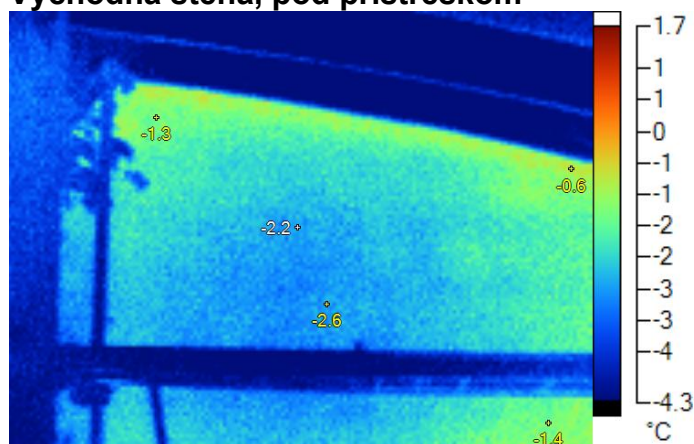
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-3.4°C
Image Range	-7.2°C to 4.3°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:47:32 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
Středový bod	-1.1°C	0.93	1.0°C
P0	-0.9°C	0.93	1.0°C
P1	-1.8°C	0.93	1.0°C
P2	1.8°C	0.93	1.0°C
P3	1.7°C	0.93	1.0°C

Východná stena, pod prístreškom



IR000161.IS2

11/1/2009 7:47:46 AM

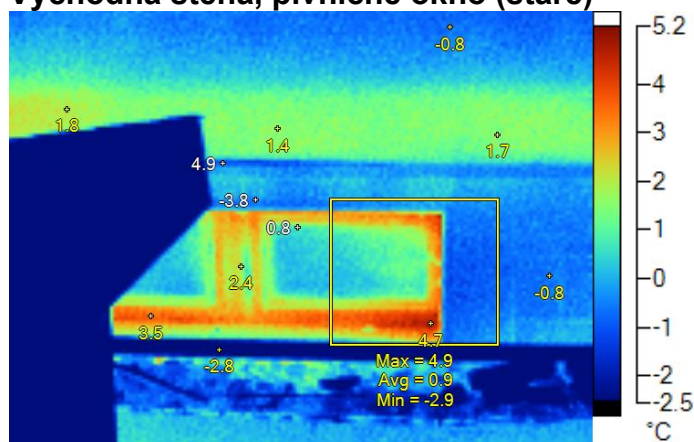
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-3.0°C
Image Range	-6.7°C to -0.6°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:47:46 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
Středový bod	-2.2°C	0.93	1.0°C
P0	-0.6°C	0.93	1.0°C
P1	-1.3°C	0.93	1.0°C
P2	-2.6°C	0.93	1.0°C
P3	-1.4°C	0.93	1.0°C

Východná stena, pívničné okno (staré)



IR000163.IS2

11/1/2009 7:48:31 AM

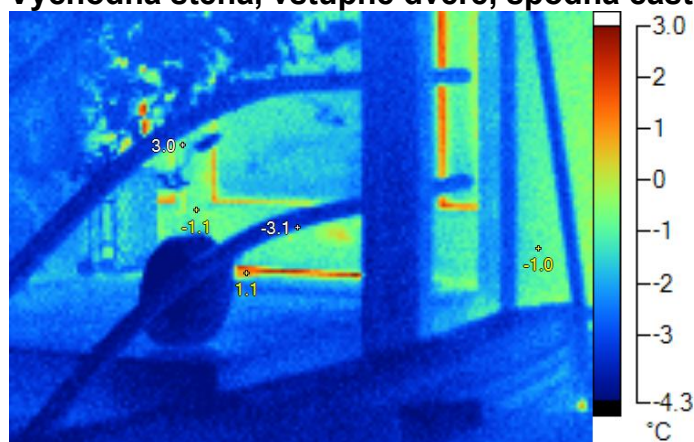
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-0.4°C
Image Range	-3.8°C to 4.9°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:48:31 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Avg	Min	Max	Emissivity	Background	St. Dev.
A0	0.9°C	-2.9°C	4.9°C	0.93	1.0°C	1.67
Name	Temperature			Emissivity	Background	
Středový bod	0.8°C			0.93	1.0°C	
Teplá	4.9°C			0.93	1.0°C	
Studená	-3.8°C			0.93	1.0°C	
P1	-0.8°C			0.93	1.0°C	
P2	1.8°C			0.93	1.0°C	
P3	1.7°C			0.93	1.0°C	
P0	-0.8°C			0.93	1.0°C	
P4	1.4°C			0.93	1.0°C	
P5	4.7°C			0.93	1.0°C	
P6	3.5°C			0.93	1.0°C	
P7	-2.8°C			0.93	1.0°C	
P8	2.4°C			0.93	1.0°C	

Východná stena, vstupné dvere, spodná časť



IR000165.IS2

11/1/2009 7:49:17 AM

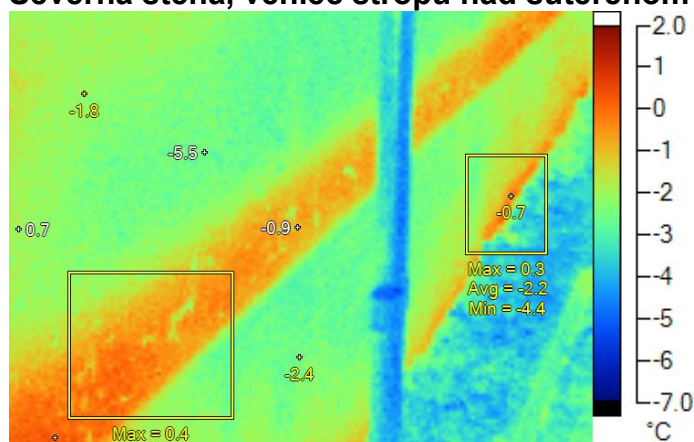
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-2.6°C
Image Range	-6.0°C to 3.0°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:49:17 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
Středový bod	-3.1°C	0.93	1.0°C
Teplá	3.0°C	0.93	1.0°C
P0	1.1°C	0.93	1.0°C
P1	-1.0°C	0.93	1.0°C
P2	-1.1°C	0.93	1.0°C

Severná stena, veniec stropu nad suterénom



IR000166.IS2

11/1/2009 7:49:46 AM

Image Info

Background Temperature	22.0°C
Emissivity	0.95
Average Temperature	-2.2°C
Image Range	-5.5°C to 0.7°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:49:46 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Avg	Min	Max	Emissivity	Background	St. Dev.
A0	-2.2°C	-4.4°C	0.3°C	0.95	22.0°C	1.07
A1	-1.1°C	-3.0°C	0.4°C	0.95	22.0°C	0.85
Name	Temperature			Emissivity	Background	
Středový bod	-0.9°C			0.95	22.0°C	
Teplá	0.7°C			0.95	22.0°C	
Studená	-5.5°C			0.95	22.0°C	
P0	-1.8°C			0.95	22.0°C	
P1	0.0°C			0.95	22.0°C	
P2	-2.4°C			0.95	22.0°C	
P3	-0.7°C			0.95	22.0°C	

Severná stena s bazénom



IR000167.IS2

11/1/2009 7:50:27 AM

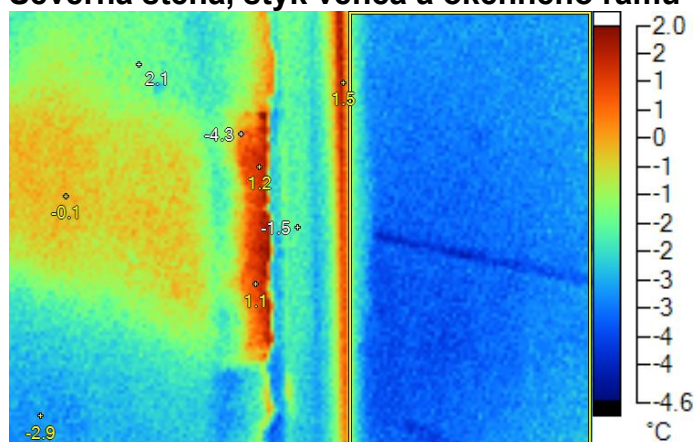
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-2.6°C
Image Range	-20.3°C to 2.3°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:50:27 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Avg	Min	Max	Emissivity	Background	St. Dev.
A0	-1.7°C	-4.3°C	1.3°C	0.93	1.0°C	0.94
A1	-2.0°C	-7.3°C	2.3°C	0.93	1.0°C	2.01
Name	Temperature			Emissivity	Background	
Středový bod	1.9°C			0.93	1.0°C	

Severná stena, styk venca a okenného rámu



IR000173.IS2

11/1/2009 7:55:39 AM

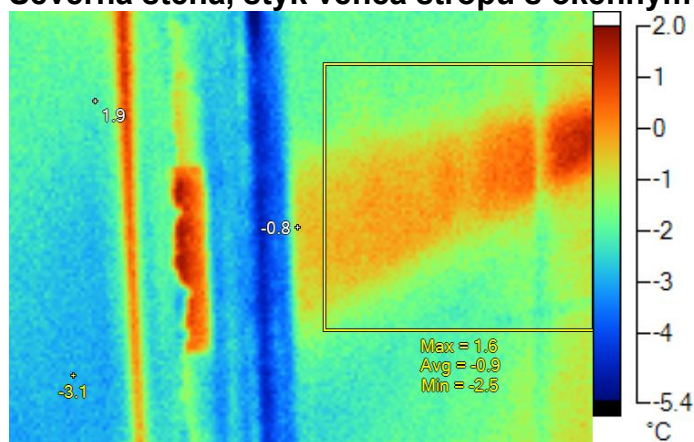
Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-1.9°C
Image Range	-4.3°C to 2.1°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:55:39 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Avg	Min	Max	Emissivity	Background	St. Dev.
A0	-14.5°C	-21.2°C	-1.9°C	0.25	1.0°C	2.23
Name	Temperature			Emissivity	Background	
Středový bod	-1.5°C			0.93	1.0°C	
Teplá	2.1°C			0.93	1.0°C	
Studená	-4.3°C			0.93	1.0°C	
P0	1.1°C			0.93	1.0°C	
P1	-0.1°C			0.93	1.0°C	
P2	-2.9°C			0.93	1.0°C	
P3	1.2°C			0.93	1.0°C	
P4	1.5°C			0.93	1.0°C	

Severná stena, styk venca stropu s okenným rámom



IR000174.IS2

11/1/2009 7:56:18 AM

Image Info

Background Temperature	1.0°C
Emissivity	0.93
Average Temperature	-1.8°C
Image Range	-6.3°C to 1.9°C
Camera Model	TiRx
DSP Version	1.3.0
OCA Version	1.3.0.0
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/1/2009 7:56:18 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Avg	Min	Max	Emissivity	Background	St. Dev.
A0	-0.9°C	-2.5°C	1.6°C	0.93	1.0°C	0.76
Name	Temperature			Emissivity	Background	
Středový bod	-0.8°C			0.93	1.0°C	
Teplá	1.9°C			0.93	1.0°C	
P0	-3.1°C			0.93	1.0°C	