
H-AC Projekt s.r.o.

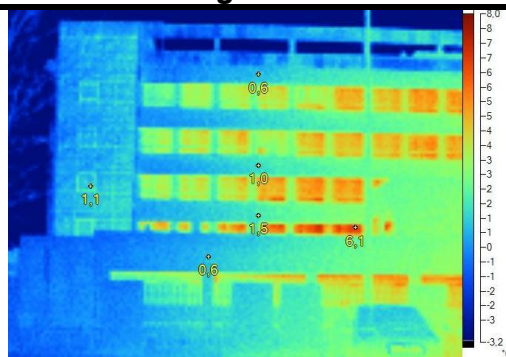
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040 23
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0948 506 425

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www.hacprojekt.sk

Termografická skúška podľa STN EN 13187 - zjednodušená.

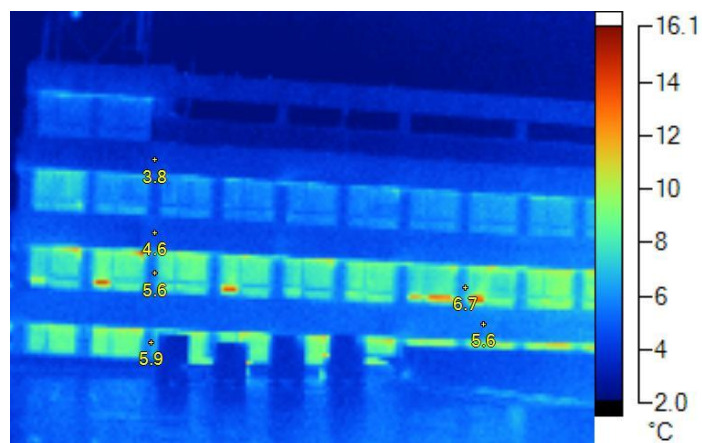
Príloha k energetickému certifikátu č. P.01.11.2009.



Prepared For:

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

Pohľad z rekonštruovanej strechy na pôvodnú časť objektu. Nezateplená časť (zóna 1).



DSC05827.JPG

101.IS2

11/27/2009 9:43:51 AM

Zreteľne sú zobrazené pootvorené okná.

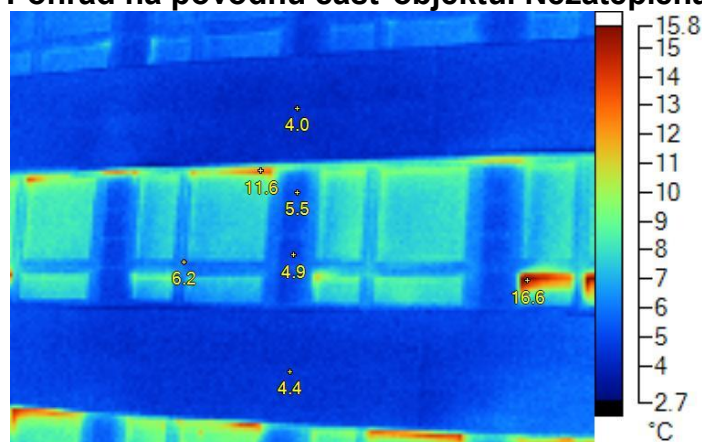
Image Info

Background Temperature	8.0°C
Emissivity	0.94
Average Temperature	4.7°C
Image Range	1.5°C to 13.9°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/27/2009 9:43:51 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	5.6°C	0.94	8.0°C
P1	4.6°C	0.94	8.0°C
P2	3.8°C	0.94	8.0°C
P3	5.9°C	0.94	8.0°C
P4	5.6°C	0.94	8.0°C
P5	6.7°C	0.94	8.0°C

Pohľad na pôvodnú časť objektu. Nezateplená časť (zóna 1).



102.IS2

11/27/2009 9:51:37 AM

V hornej časti okien sú známky exfiltrácie teplého vzduchu.
Spodné krídlo okna vpravo je pootvorené.

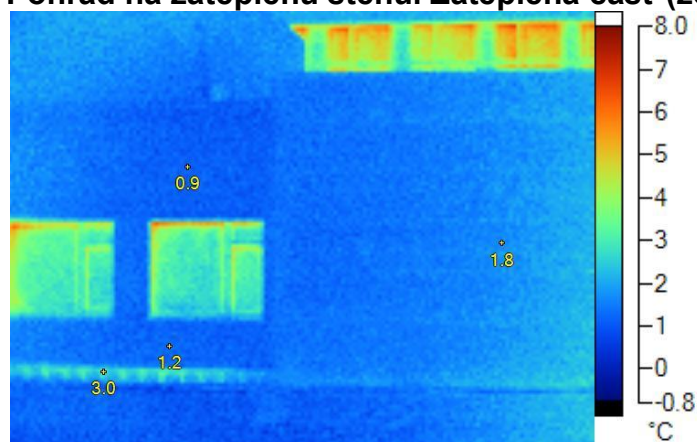
Image Info

Background Temperature	8.0°C
Emissivity	0.93
Average Temperature	5.9°C
Image Range	3.1°C to 16.6°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/27/2009 9:51:37 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	4.0°C	0.93	8.0°C
P1	4.4°C	0.93	8.0°C
P2	5.5°C	0.93	8.0°C
P3	4.9°C	0.93	8.0°C
P4	6.2°C	0.93	8.0°C
P5	11.6°C	0.93	8.0°C
P6	16.6°C	0.93	8.0°C

Pohľad na zateplenú stenu. Zateplená časť (zóna 1).



DSC05834.JPG

104.is2

12/5/2009 8:20:50 AM

Dobre zateplená konštrukcia. Vyšší únik tepla je len v soklovej časti.

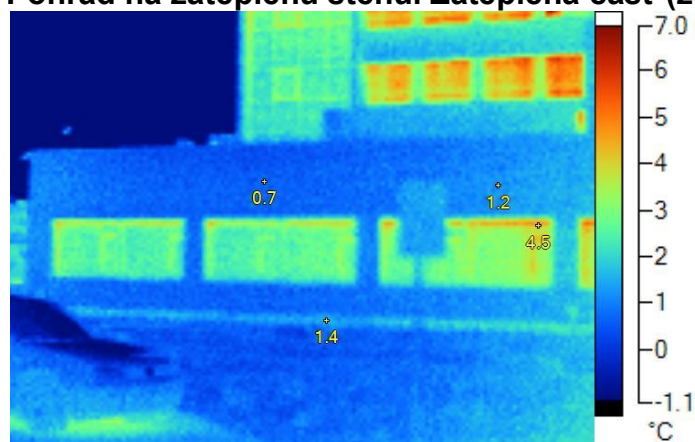
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	1.8°C
Image Range	0.3°C to 6.8°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:20:50 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	0.9°C	0.94	5.0°C
P1	1.8°C	0.94	5.0°C
P2	1.2°C	0.94	5.0°C
P3	3.0°C	0.94	5.0°C

Pohľad na zateplenú stenu. Zateplená časť (zóna 1).



DSC05841.JPG

105.is2

12/5/2009 8:21:13 AM

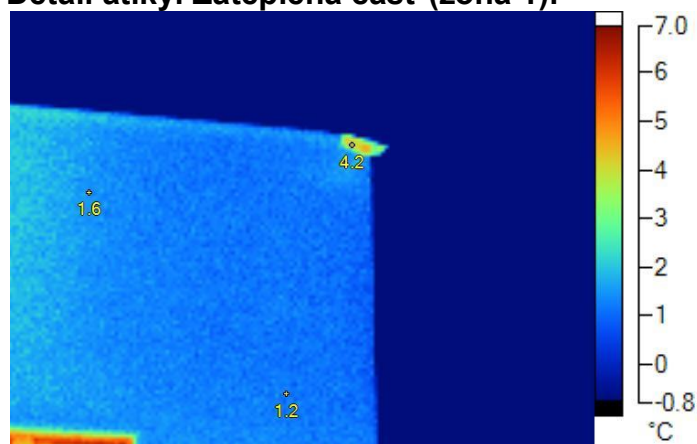
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	1.0°C
Image Range	-4.0°C to 6.8°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:21:13 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	0.7°C	0.94	5.0°C
P1	1.2°C	0.94	5.0°C
P2	4.5°C	0.93	5.0°C
P3	1.4°C	0.94	5.0°C

Detail atiky. Zateplená časť (zóna 1).



106.is2

12/5/2009 8:58:36 AM

Dobre zateplený detail. Teplé miesto je bezpečnostná kamera.

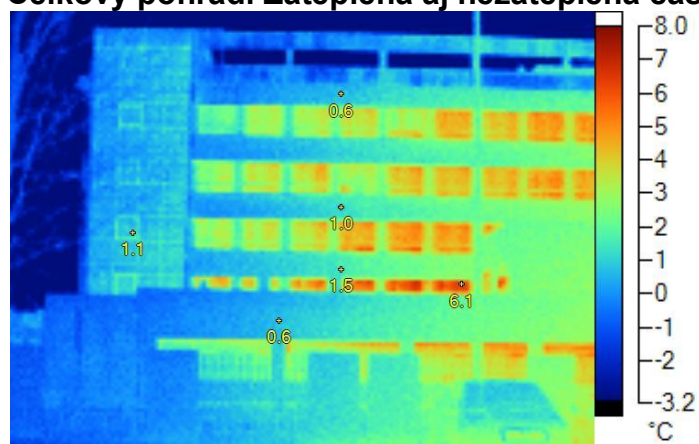
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	-1.4°C
Image Range	-4.8°C to 6.9°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:58:36 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	1.6°C	0.94	5.0°C
P1	1.2°C	0.94	5.0°C
P2	4.2°C	0.94	5.0°C

Celkový pohľad. Zateplená aj nezateplená časť (zóna 1).



107.is2

12/5/2009 8:16:20 AM



DSC05834.JPG

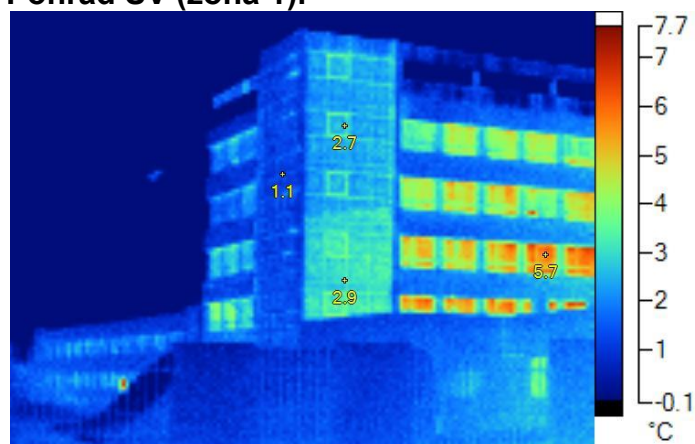
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	0.7°C
Image Range	-5.9°C to 6.9°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:16:20 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P1	1.1°C	0.92	5.0°C
P0	0.6°C	0.94	5.0°C
P2	1.0°C	0.94	5.0°C
P3	1.5°C	0.94	5.0°C
P4	0.6°C	0.94	5.0°C
P5	6.1°C	0.92	5.0°C

Pohľad SV (zóna 1).



DSC05834.JPG

108.is2

12/5/2009 8:18:26 AM

Zreteľný rozdiel medzi plastovými oknami na schodisku a pôvodnými drevenými v kanceláriách.

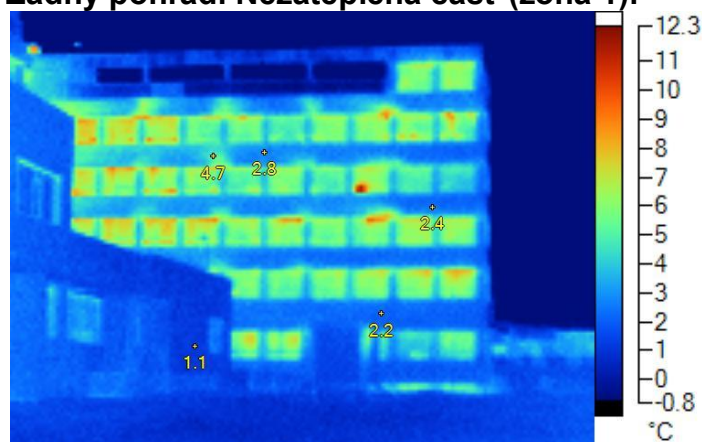
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	0.2°C
Image Range	-4.8°C to 6.7°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:18:26 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	2.7°C	0.92	5.0°C
P1	5.7°C	0.92	5.0°C
P2	2.9°C	0.92	5.0°C
P3	1.1°C	0.94	5.0°C

Zadný pohľad. Nezateplená časť (zóna 1).



109.is2

12/5/2009 8:45:23 AM



DSC05865.JPG

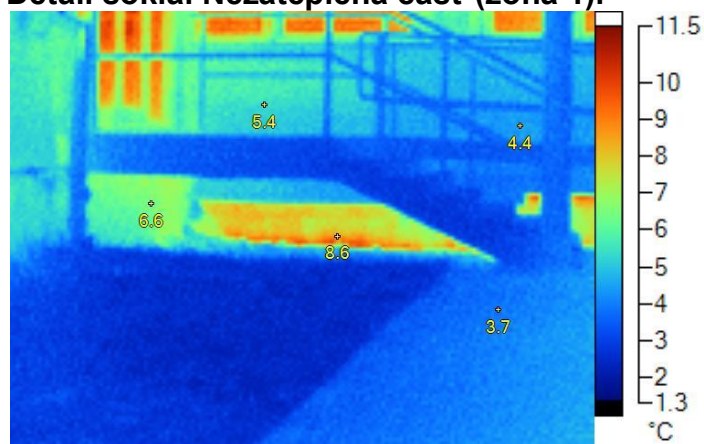
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	1.7°C
Image Range	-4.1°C to 11.5°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:45:23 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	2.8°C	0.94	5.0°C
P1	2.4°C	0.94	5.0°C
P2	4.7°C	0.94	5.0°C
P3	1.1°C	0.94	5.0°C
P4	2.2°C	0.94	5.0°C

Detail sokla. Nezateplená časť (zóna 1).



DSC05878.JPG

110.is2

12/5/2009 8:53:27 AM

Soklová časť podpivničenej časti objektu - viditeľne nižší tepelný odpor konštrukcie.

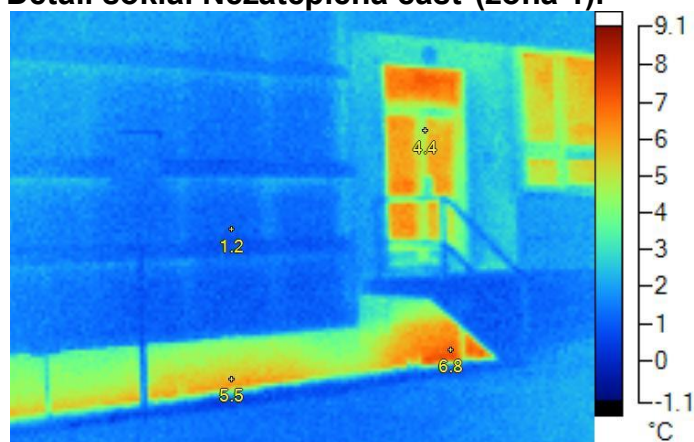
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	4.3°C
Image Range	1.9°C to 10.5°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:53:27 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	6.6°C	0.94	5.0°C
P1	8.6°C	0.94	5.0°C
P2	5.4°C	0.94	5.0°C
P3	4.4°C	0.94	5.0°C
P4	3.7°C	0.94	5.0°C

Detail sokla. Nezateplená časť (zóna 1).



DSC05846.JPG

111.is2

12/5/2009 8:29:50 AM

Soklová časť podpivničenej časti objektu - viditeľne nižší tepelný odpor konštrukcie.

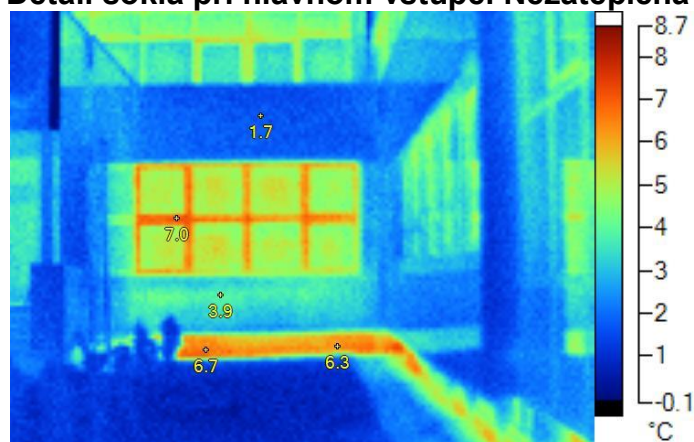
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	2.3°C
Image Range	0.4°C to 7.5°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:29:50 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	1.2°C	0.94	5.0°C
P1	6.8°C	0.94	5.0°C
P2	5.5°C	0.94	5.0°C
P3	4.4°C	0.93	5.0°C

Detail sokla pri hlavnom vstupe. Nezateplená časť (zóna 1).



DSC05844.JPG

112.is2

12/5/2009 8:30:18 AM

Soklová časť podpivničenej časti objektu - viditeľne nižší tepelný odpor konštrukcie.

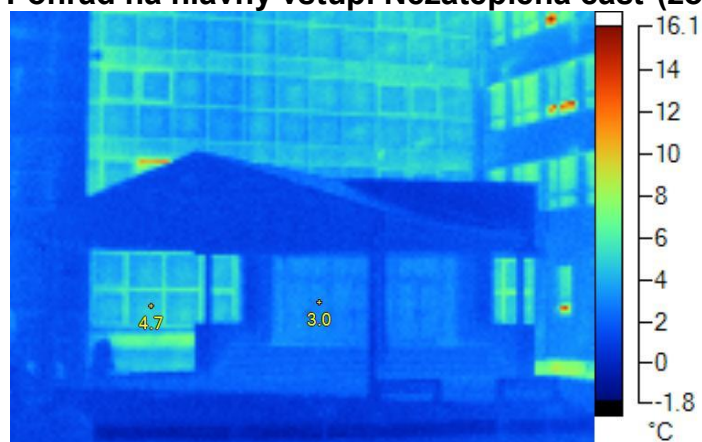
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	2.9°C
Image Range	-1.8°C to 7.3°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:30:18 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	6.7°C	0.94	5.0°C
P1	6.3°C	0.94	5.0°C
P2	3.9°C	0.94	5.0°C
P3	1.7°C	0.94	5.0°C
P4	7.0°C	0.93	5.0°C

Pohľad na hlavný vstup. Nezateplená časť (zóna 1).



113.is2

12/5/2009 8:27:53 AM

Vstupné dvere sú vďaka zádveriu viditeľne chladnejšie než susedná zasklenená stena. Teplé miesta spodných krídel okien signalizujú pootvorené okná.



DSC05844.JPG

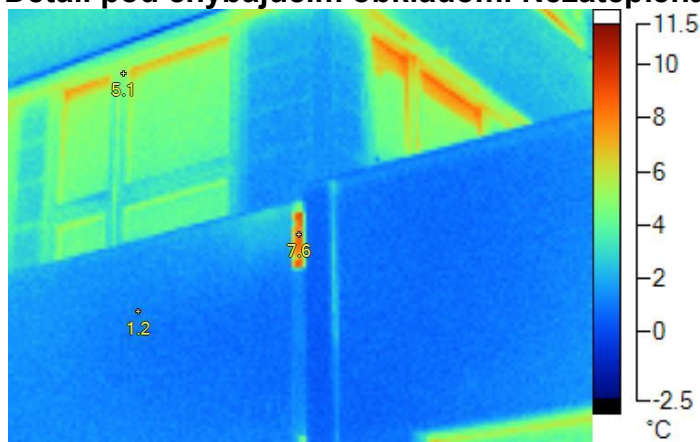
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	2.8°C
Image Range	-0.8°C to 15.5°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:27:53 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	4.7°C	0.92	5.0°C
P1	3.0°C	0.92	5.0°C

Detail pod chýbajúcim obkladom. Nezateplená časť (zóna 1).



114.is2

12/5/2009 8:33:50 AM

Tu je zreteľne viditeľný tepelný most, ktorý na ostatných častiach skrytý pod hliníkovým predsadeným plášťom (bez prídavnej tepelnej izolácie). Na ostatných snímkach sú tieto parapetné časti muriva z tohto dôvodu skreslené!



DSC05855.JPG

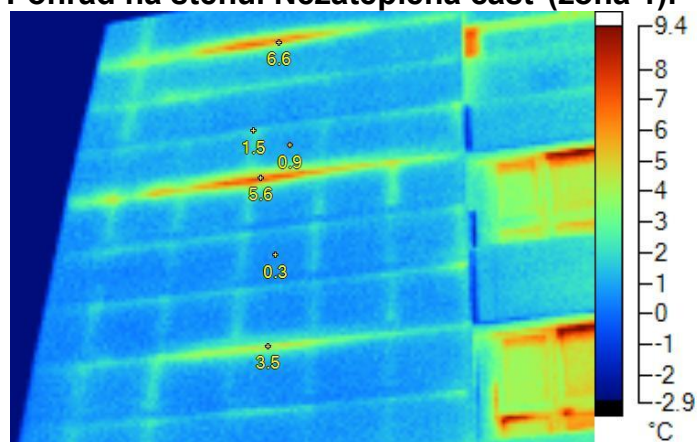
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	2.2°C
Image Range	-0.4°C to 9.3°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:33:50 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	1.2°C	0.94	5.0°C
P1	7.6°C	0.94	5.0°C
P2	5.1°C	0.93	5.0°C

Pohľad na stenu. Nezateplená časť (zóna 1).



DSC05850.JPG

115.is2

12/5/2009 8:31:30 AM

Na snímku sú viditeľné výrazné tepelné mosty v mieste stropov jednotlivých podlaží.

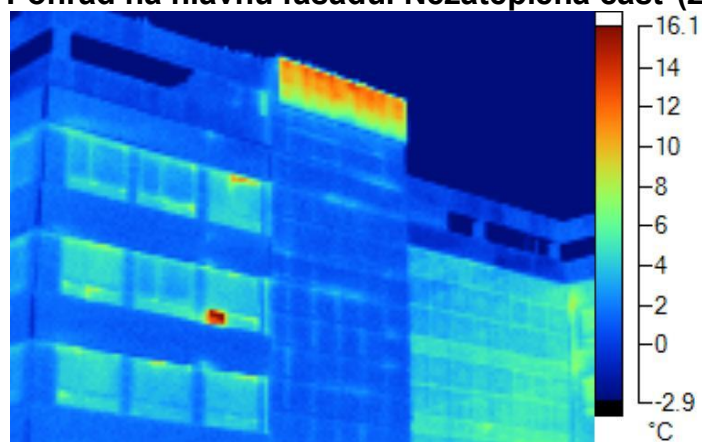
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	1.1°C
Image Range	-6.1°C to 10.8°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:31:30 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	5.6°C	0.94	5.0°C
P1	0.9°C	0.94	5.0°C
P2	1.5°C	0.94	5.0°C
P3	0.3°C	0.94	5.0°C
P4	6.6°C	0.94	5.0°C
P5	3.5°C	0.94	5.0°C

Pohľad na hlavnú fasádu. Nezateplená časť (zóna 1).



DSC05842.JPG

116.is2

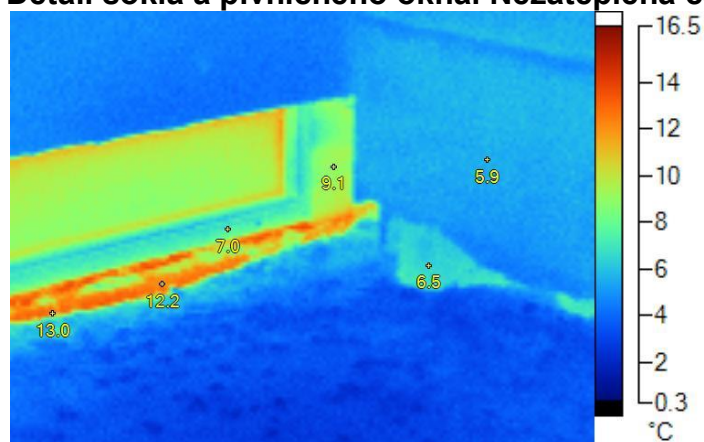
12/5/2009 8:26:04 AM

Teplé miesto hore spôsobuje svetelná reklama. Viditeľné je aj pootvorené okno na snímke v strede.

Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	0.9°C
Image Range	-5.5°C to 18.1°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:26:04 AM
Calibration Range	-25.0°C to 105.0°C

Detail sokla a pivničného okna. Nezateplená časť (zóna 1).



DSC05880.JPG

117.is2

12/5/2009 8:52:50 AM

Teplejšie miesto na stene v mieste opadanej ometky.

Výrazne vykreslené teplé miesto pod pivničným oknom.

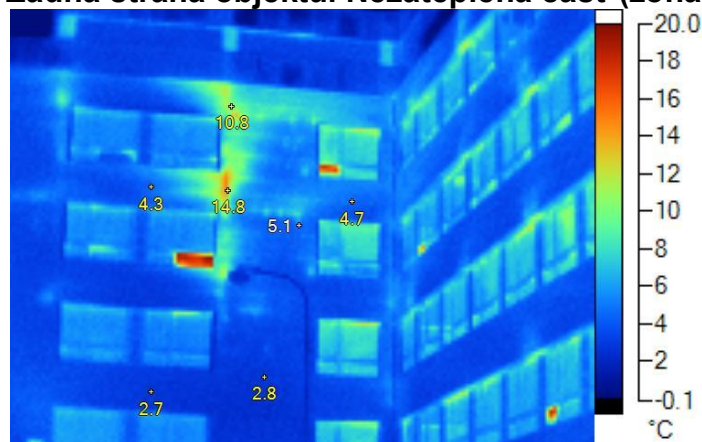
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	5.5°C
Image Range	1.8°C to 13.8°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:52:50 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	5.9°C	0.94	5.0°C
P1	6.5°C	0.94	5.0°C
P2	9.1°C	0.94	5.0°C
P3	12.2°C	0.94	5.0°C
P4	13.0°C	0.94	5.0°C
P5	7.0°C	0.93	5.0°C

Zadná strana objektu. Nezateplená část' (zóna 1).



DSC05871.JPG

118.is2

12/5/2009 8:48:24 AM

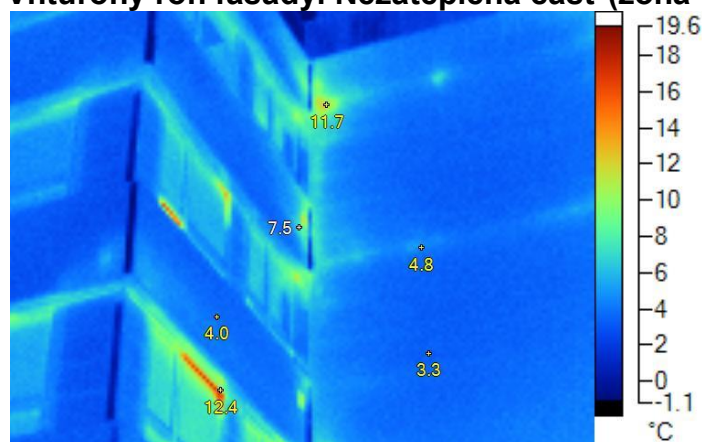
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	4.8°C
Image Range	-3.9°C to 19.4°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:48:24 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
Středový bod	5.1°C	0.94	5.0°C
P0	14.8°C	0.94	5.0°C
P1	10.8°C	0.94	5.0°C
P2	2.8°C	0.94	5.0°C
P3	4.3°C	0.94	5.0°C
P4	4.7°C	0.94	5.0°C
P5	2.7°C	0.94	5.0°C

Vntúroný roh fasády. Nezateplená časť (zóna 1).



DSC05877.JPG

119.is2

12/5/2009 8:51:36 AM

Viditeľné netesnosti okien v ich hornej časti.

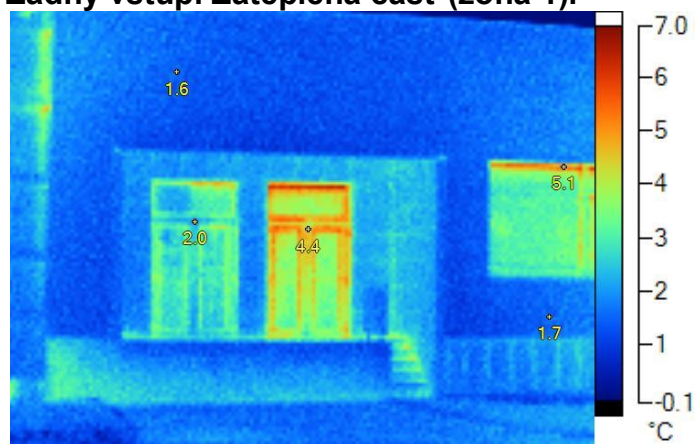
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	4.3°C
Image Range	-3.9°C to 17.3°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:51:36 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
Středový bod	7.5°C	0.94	5.0°C
P0	12.4°C	0.93	5.0°C
P1	11.7°C	0.94	5.0°C
P2	4.8°C	0.94	5.0°C
P3	3.3°C	0.94	5.0°C
P4	4.0°C	0.94	5.0°C

Zadný vstup. Zateplená časť (zóna 1).



120.is2

12/5/2009 8:56:59 AM

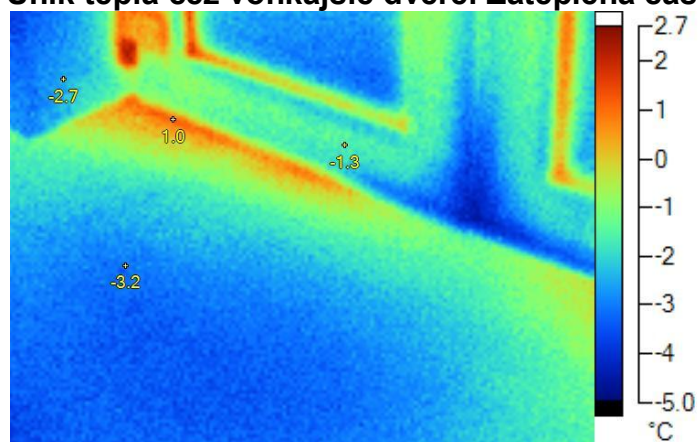
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	1.9°C
Image Range	-3.8°C to 6.5°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:56:59 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	1.6°C	0.94	5.0°C
P1	1.7°C	0.94	5.0°C
P2	5.1°C	0.94	5.0°C
P3	2.0°C	0.93	5.0°C
P4	4.4°C	0.93	5.0°C

Únik tepla cez vonkajšie dvere. Zateplená časť (zóna 1).



121.is2

12/14/2009 11:49:12 AM

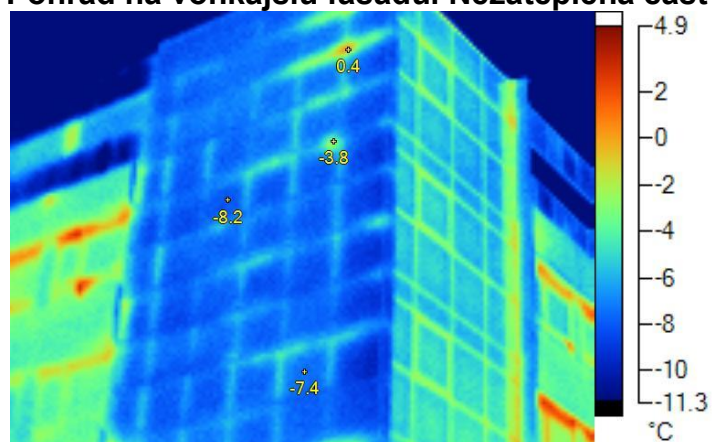
Image Info

Background Temperature	-2.0°C
Emissivity	0.93
Average Temperature	-2.1°C
Image Range	-4.6°C to 2.4°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/14/2009 11:49:12 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	1.0°C	0.93	-2.0°C
P1	-3.2°C	0.93	-2.0°C
P2	-2.7°C	0.93	-2.0°C
P3	-1.3°C	0.93	-2.0°C

Pohľad na vonkajšiu fasádu. Nezateplená časť (zóna 1).



DSC05836.JPG

122.is2

12/14/2009 11:48:40 AM

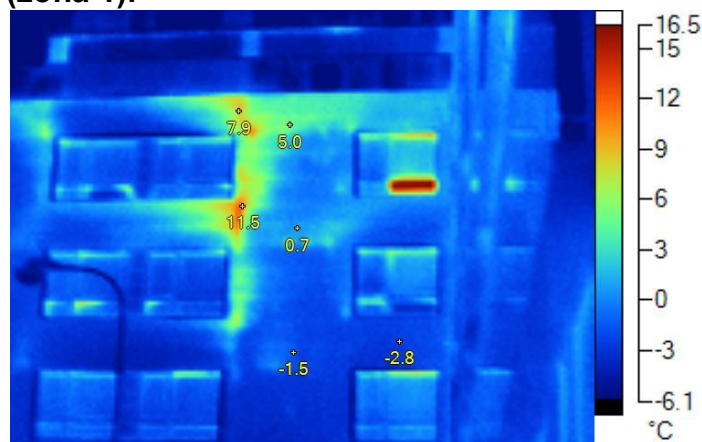
Image Info

Background Temperature	-2.0°C
Emissivity	0.93
Average Temperature	-7.5°C
Image Range	~-25.2°C to 3.1°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/14/2009 11:48:40 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	0.4°C	0.93	-2.0°C
P1	-8.2°C	0.93	-2.0°C
P2	-3.8°C	0.93	-2.0°C
P3	-7.4°C	0.93	-2.0°C

Pohľad na teplejšie miesto na fasáde - pri zatvorených oknách. Nezateplená časť (zóna 1).



DSC05871.JPG

123.is2

12/14/2009 11:52:23 AM

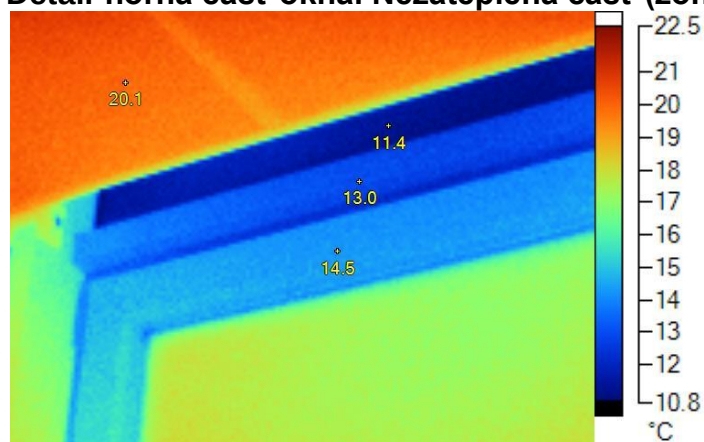
Image Info

Background Temperature	-2.0°C
Emissivity	0.94
Average Temperature	-1.7°C
Image Range	-20.9°C to 17.6°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/14/2009 11:52:23 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	-1.5°C	0.94	-2.0°C
P1	0.7°C	0.94	-2.0°C
P2	5.0°C	0.94	-2.0°C
P3	11.5°C	0.94	-2.0°C
P4	7.9°C	0.94	-2.0°C
P5	-2.8°C	0.94	-2.0°C

Detail-horná časť okna. Nezateplená časť (zóna 1).



124.is2

12/14/2009 11:15:05 AM

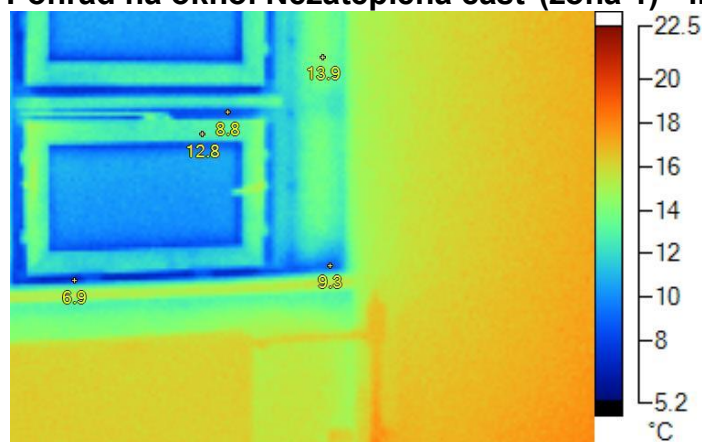
Image Info

Background Temperature	20.0°C
Emissivity	0.93
Average Temperature	16.5°C
Image Range	10.7°C to 21.2°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/14/2009 11:15:05 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	11.4°C	0.93	20.0°C
P1	13.0°C	0.93	20.0°C
P2	14.5°C	0.93	20.0°C
P3	20.1°C	0.93	20.0°C

Pohľad na okno. Nezateplená časť (zóna 1) - interiér.



125.is2

12/14/2009 11:10:20 AM

Odstavené vykurovacie teleso.

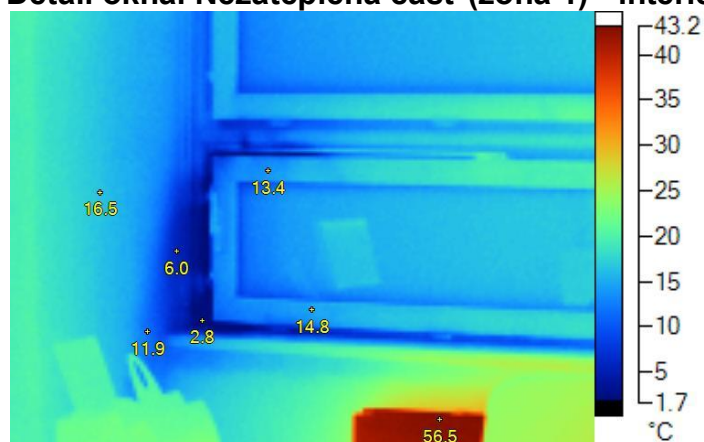
Image Info

Background Temperature	20.0°C
Emissivity	0.93
Average Temperature	14.3°C
Image Range	6.7°C to 18.3°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/14/2009 11:10:20 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	13.9°C	0.93	20.0°C
P1	9.3°C	0.93	20.0°C
P2	6.9°C	0.93	20.0°C
P3	12.8°C	0.93	20.0°C
P4	8.8°C	0.93	20.0°C

Detail okna. Nezateplená časť (zóna 1) - interiér.



126.is2

12/14/2009 11:01:21 AM

V spodnej časti je viditeľná časť vykurovacieho telesa v prevádzke.

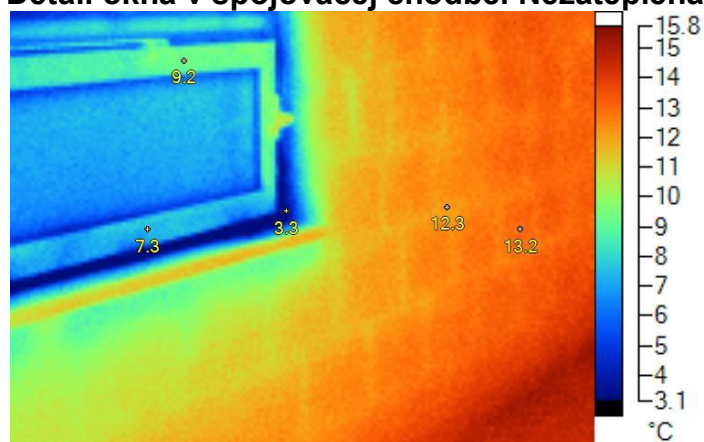
Image Info

Background Temperature	20.0°C
Emissivity	0.93
Average Temperature	16.7°C
Image Range	-0.8°C to 43.5°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/14/2009 11:01:21 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	6.0°C	0.93	20.0°C
P1	11.9°C	0.93	20.0°C
P2	16.5°C	0.93	20.0°C
P3	13.4°C	0.93	20.0°C
P4	2.8°C	0.93	20.0°C
P5	56.5°C	0.56	20.0°C
P6	14.8°C	0.93	20.0°C

Detail okna v spojovacej chodbe. Nezateplená časť (zóna 1) - interiér.



127.is2

12/14/2009 11:37:43 AM

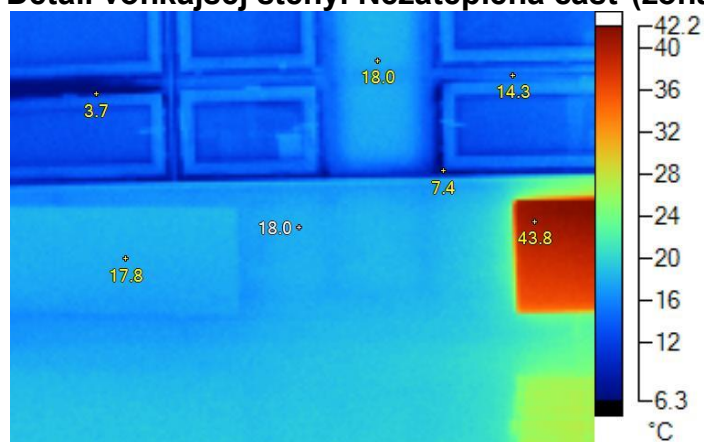
Image Info

Background Temperature	18.0°C
Emissivity	0.93
Average Temperature	10.6°C
Image Range	-0.2°C to 15.5°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/14/2009 11:37:43 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	13.2°C	0.93	18.0°C
P1	12.3°C	0.93	18.0°C
P2	3.3°C	0.93	18.0°C
P3	7.3°C	0.93	18.0°C
P4	9.2°C	0.93	18.0°C

Detail vonkajšej steny. Nezateplená časť (zóna 1) - interiér.



128.is2

12/14/2009 11:40:19 AM

Vonkajšia stena chodby pri hlavnom schodisku.

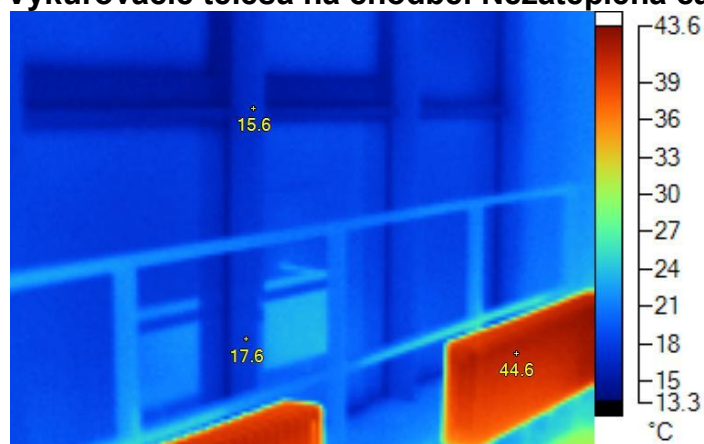
Image Info

Background Temperature	20.0°C
Emissivity	0.93
Average Temperature	17.6°C
Image Range	3.3°C to 42.6°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/14/2009 11:40:19 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
Středový bod	18.0°C	0.93	20.0°C
P0	3.7°C	0.93	20.0°C
P1	18.0°C	0.93	20.0°C
P2	43.8°C	0.81	20.0°C
P3	17.8°C	0.93	20.0°C
P4	14.3°C	0.93	20.0°C
P5	7.4°C	0.93	20.0°C

Vykurovacie telesá na chodbe. Nezateplená časť (zóna 1) - interiér.



129.is2

12/14/2009 11:13:36 AM

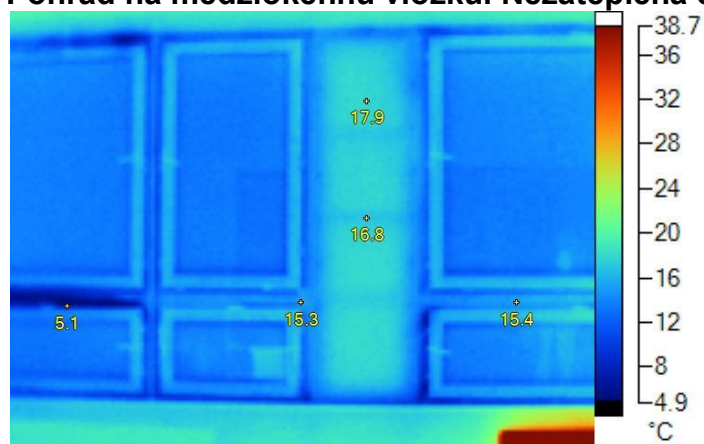
Image Info

Background Temperature	18.0°C
Emissivity	0.93
Average Temperature	20.3°C
Image Range	13.7°C to 43.2°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/14/2009 11:13:36 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	15.6°C	0.56	18.0°C
P1	17.6°C	0.56	18.0°C
P2	44.6°C	0.81	18.0°C

Pohľad na medziokennú vložku. Nezateplená časť (zóna 1) - interiér.



130.is2

12/14/2009 11:40:44 AM

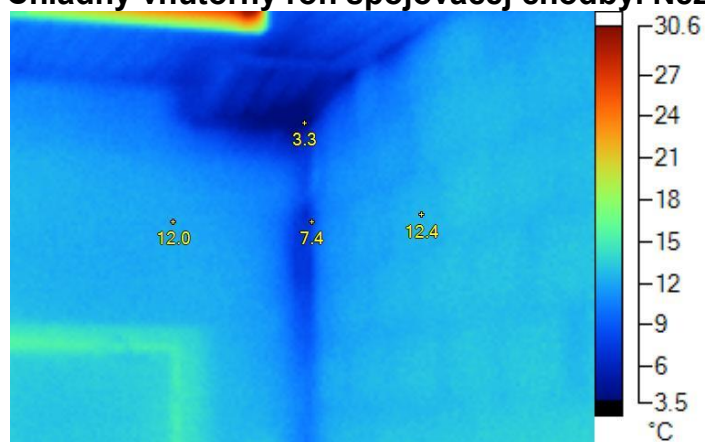
Image Info

Background Temperature	20.0°C
Emissivity	0.93
Average Temperature	15.0°C
Image Range	4.3°C to 42.9°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/14/2009 11:40:44 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	5.1°C	0.93	20.0°C
P1	17.9°C	0.93	20.0°C
P2	16.8°C	0.93	20.0°C
P3	15.4°C	0.93	20.0°C
P4	15.3°C	0.93	20.0°C

Chladný vnútorný roh spojovacej chodby. Nezateplená časť (zóna 1) - interiér.



131.is2

12/14/2009 11:37:22 AM

Na vonkajšej stene vpravo je zreteľná kresba muriva.

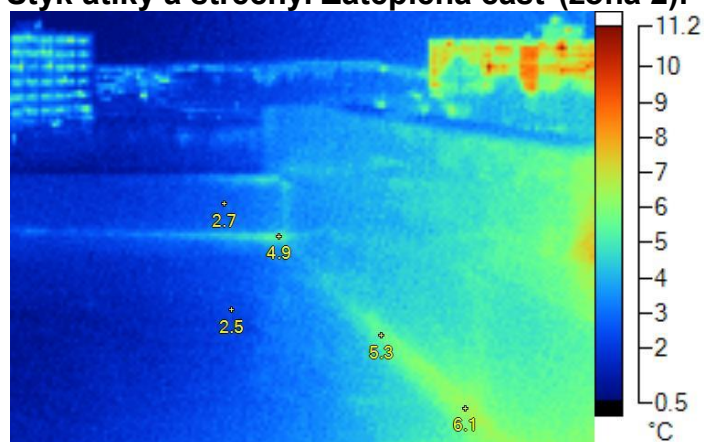
Image Info

Background Temperature	18.0°C
Emissivity	0.93
Average Temperature	11.7°C
Image Range	2.1°C to 30.3°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/14/2009 11:37:22 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	7.4°C	0.93	18.0°C
P1	12.4°C	0.93	18.0°C
P2	12.0°C	0.93	18.0°C
P3	3.3°C	0.93	18.0°C

Styk atiky a strechy. Zateplená časť (zóna 2).



202.is2

11/27/2009 9:41:41 AM

V mieste dažďového žľabu je zreteľná vyššia teplota povrchu.

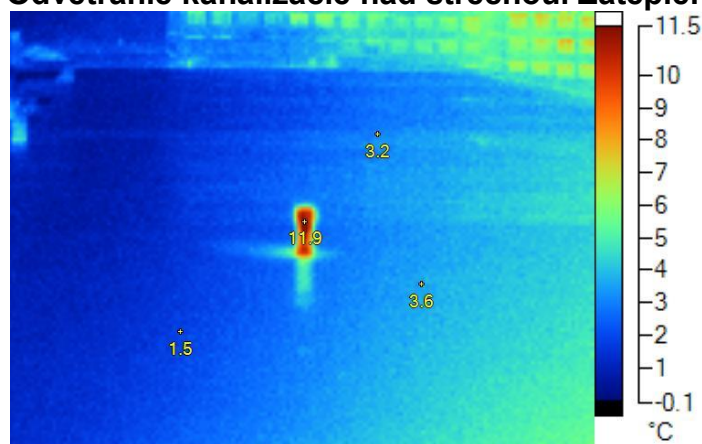
Image Info

Background Temperature	8.0°C
Emissivity	0.94
Average Temperature	3.4°C
Image Range	-0.5°C to 10.9°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/27/2009 9:41:41 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	4.9°C	0.94	8.0°C
P1	5.3°C	0.94	8.0°C
P2	6.1°C	0.94	8.0°C
P3	2.5°C	0.94	8.0°C
P5	2.7°C	0.94	8.0°C

Odvetranie kanalizácie nad strechou. Zateplená časť (zóna 2).



203.is2

11/27/2009 9:41:58 AM

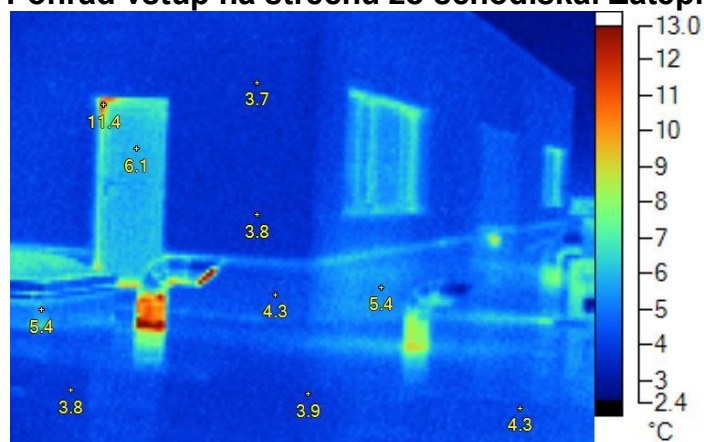
Image Info

Background Temperature	9.0°C
Emissivity	0.94
Average Temperature	2.9°C
Image Range	-0.4°C to 12.3°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/27/2009 9:41:58 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	11.9°C	0.95	9.0°C
P1	1.5°C	0.94	9.0°C
P2	3.2°C	0.94	9.0°C
P3	3.6°C	0.94	9.0°C

Pohľad vstup na strechu zo schodiska. Zateplená časť (zóna 2).



204.is2

11/27/2009 9:42:44 AM

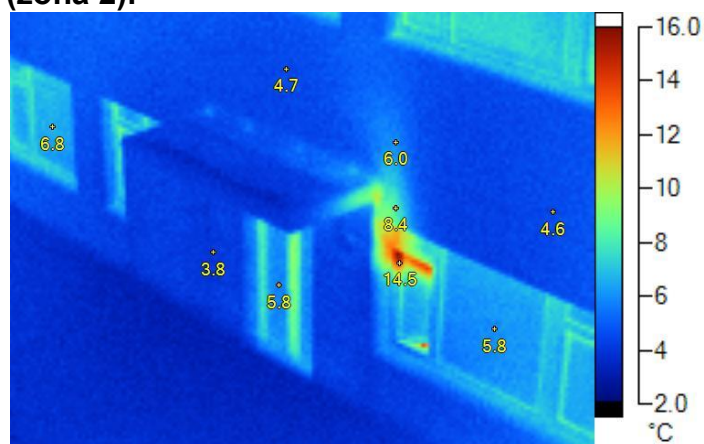
Image Info

Background Temperature	8.0°C
Emissivity	0.94
Average Temperature	4.5°C
Image Range	1.8°C to 14.5°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/27/2009 9:42:44 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	6.1°C	0.97	8.0°C
P1	11.4°C	0.97	8.0°C
P2	3.7°C	0.93	8.0°C
P3	3.8°C	0.93	8.0°C
P4	4.3°C	0.94	8.0°C
P5	5.4°C	0.94	8.0°C
P6	3.8°C	0.94	8.0°C
P7	3.9°C	0.94	8.0°C
P8	4.3°C	0.94	8.0°C
P9	5.4°C	0.94	8.0°C

Pohľad na vstup do átria. Zreteľne je zobrazené otvorené okno. Zateplená časť (zóna 2).



205.is2

11/27/2009 9:53:01 AM

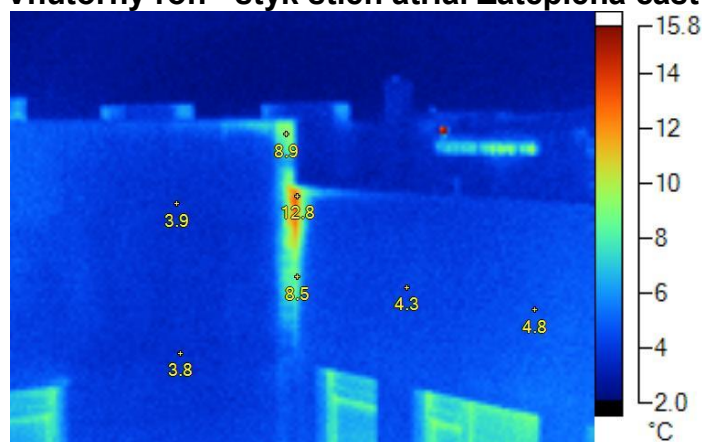
Image Info

Background Temperature	8.0°C
Emissivity	0.93
Average Temperature	4.9°C
Image Range	2.8°C to 16.0°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/27/2009 9:53:01 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	4.7°C	0.93	8.0°C
P1	6.0°C	0.93	8.0°C
P2	8.4°C	0.93	8.0°C
P3	14.5°C	0.93	8.0°C
P4	5.8°C	0.92	8.0°C
P5	5.8°C	0.93	8.0°C
P6	3.8°C	0.93	8.0°C
P7	4.6°C	0.93	8.0°C
P8	6.8°C	0.92	8.0°C

Vnútroňý roh - styk stien átria. Zateplená časť (zóna 2).



206.IS2

11/27/2009 9:53:37 AM

Vyššia teplota v nároží je pravdepodobne potrubným rozvodom klimatizácie.



DSC05825.JPG

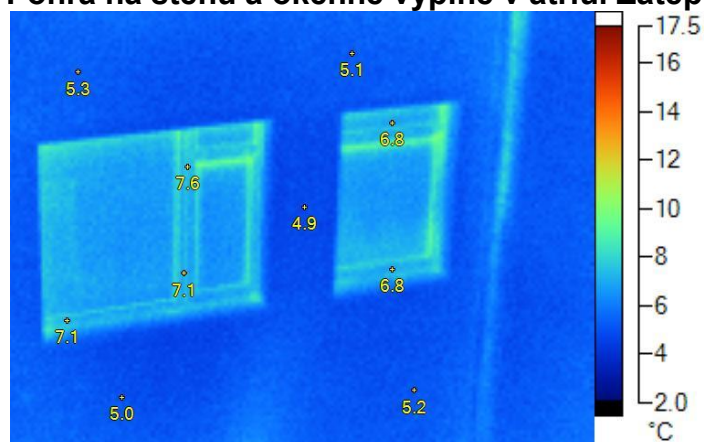
Image Info

Background Temperature	8.0°C
Emissivity	0.93
Average Temperature	4.1°C
Image Range	1.8°C to 19.6°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/27/2009 9:53:37 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	3.9°C	0.93	8.0°C
P1	3.8°C	0.93	8.0°C
P2	4.3°C	0.93	8.0°C
P3	4.8°C	0.93	8.0°C
P4	12.8°C	0.93	8.0°C
P5	8.5°C	0.93	8.0°C
P6	8.9°C	0.93	8.0°C

Pohl'á na stenu a okenné výplne v átriu. Zateplená časť (zóna 2).



DSC05829.JPG

207.IS2

11/27/2009 9:56:03 AM

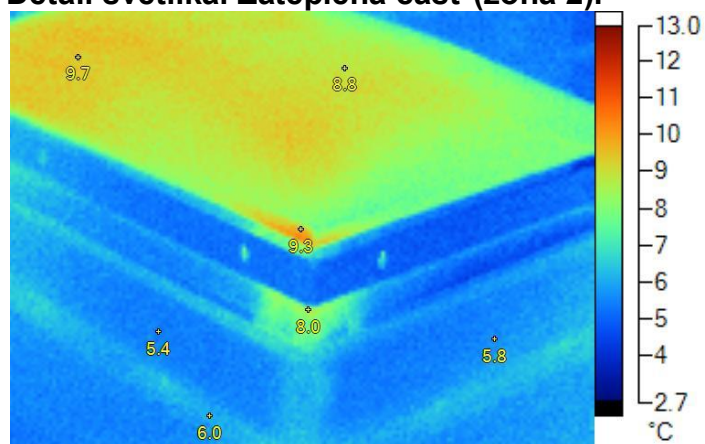
Image Info

Background Temperature	8.0°C
Emissivity	0.93
Average Temperature	5.7°C
Image Range	4.3°C to 9.8°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/27/2009 9:56:03 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	5.3°C	0.93	8.0°C
P1	5.1°C	0.93	8.0°C
P2	4.9°C	0.93	8.0°C
P3	5.0°C	0.93	8.0°C
P4	5.2°C	0.93	8.0°C
P5	7.6°C	0.93	8.0°C
P6	7.1°C	0.93	8.0°C
P7	6.8°C	0.93	8.0°C
P8	6.8°C	0.93	8.0°C
P9	7.1°C	0.93	8.0°C

Detail svetlíka. Zateplená časť (zóna 2).



DSC05834.jpg

209.IS2

11/27/2009 9:58:17 AM

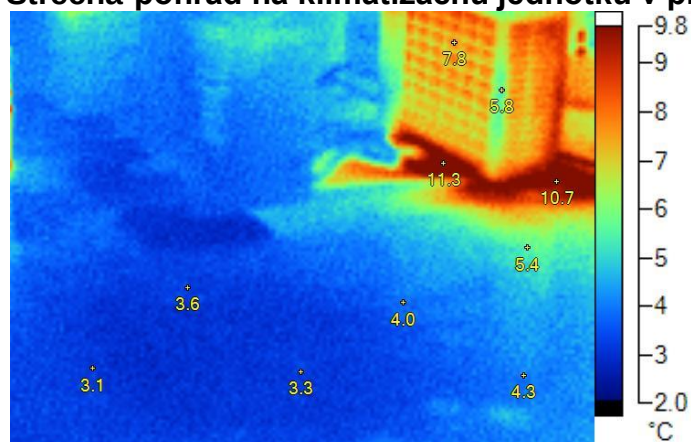
Image Info

Background Temperature	8.0°C
Emissivity	0.94
Average Temperature	6.8°C
Image Range	3.8°C to 10.4°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/27/2009 9:58:17 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	9.7°C	0.92	8.0°C
P1	9.3°C	0.92	8.0°C
P2	8.8°C	0.92	8.0°C
P3	8.0°C	0.94	8.0°C
P4	5.4°C	0.94	8.0°C
P5	5.8°C	0.94	8.0°C
P6	6.0°C	0.94	8.0°C

Strecha-pohľad na klimatizačnú jednotku v prevádzke. Zateplená časť (zóna 2).



210.IS2

11/27/2009 9:59:58 AM

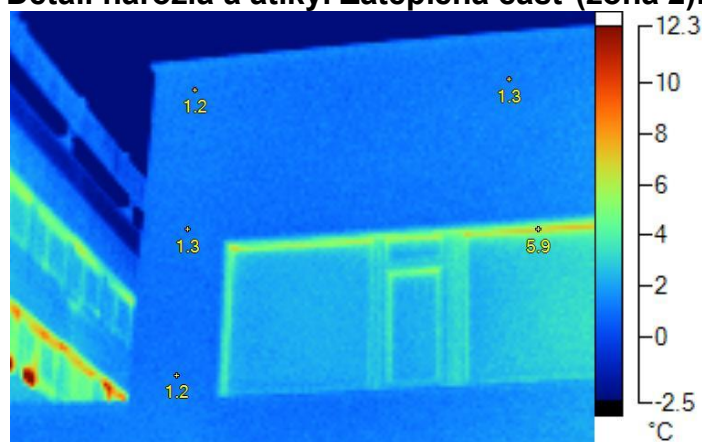
Image Info

Background Temperature	8.0°C
Emissivity	0.94
Average Temperature	4.5°C
Image Range	2.5°C to 12.0°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	11/27/2009 9:59:58 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	3.1°C	0.94	8.0°C
P1	3.3°C	0.94	8.0°C
P2	4.3°C	0.94	8.0°C
P3	3.6°C	0.94	8.0°C
P4	4.0°C	0.94	8.0°C
P5	5.4°C	0.94	8.0°C
P6	11.3°C	0.94	8.0°C
P7	10.7°C	0.94	8.0°C
P8	5.8°C	0.95	8.0°C
P9	7.8°C	0.95	8.0°C

Detail nárožia a atiky. Zateplená časť (zóna 2).



DSC05852.JPG

211.IS2

12/5/2009 8:34:54 AM

Dobre zateplená časť konštrukcie bez viditeľných tepelných mostov.

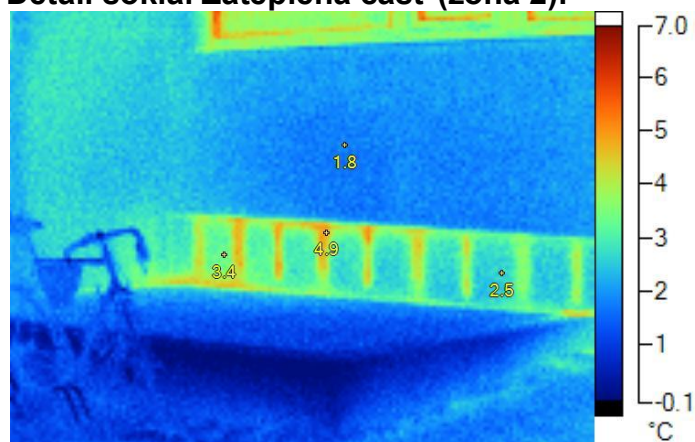
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	1.1°C
Image Range	-5.3°C to 18.4°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:34:54 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	1.2°C	0.94	5.0°C
P1	1.3°C	0.94	5.0°C
P2	1.2°C	0.94	5.0°C
P3	1.3°C	0.94	5.0°C
P4	5.9°C	0.93	5.0°C

Detail sokla. Zateplená časť (zóna 2).



DSC05856.JPG

212.IS2

12/5/2009 8:35:44 AM

Detail sokla nad anglickým dvorcom.

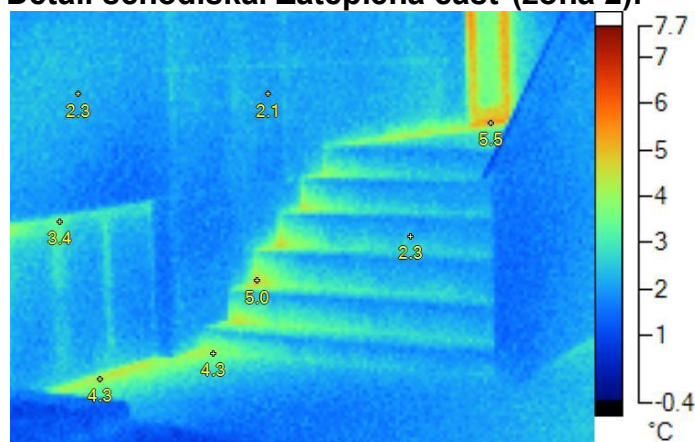
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	2.1°C
Image Range	-1.4°C to 5.8°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:35:44 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	1.8°C	0.94	5.0°C
P1	3.4°C	0.94	5.0°C
P2	2.5°C	0.94	5.0°C
P3	4.9°C	0.94	5.0°C

Detail schodiska. Zateplená část (zóna 2).



DSC05859.JPG

213.IS2

12/5/2009 8:38:15 AM

Viditeľný detail styku schodiska so stenou.

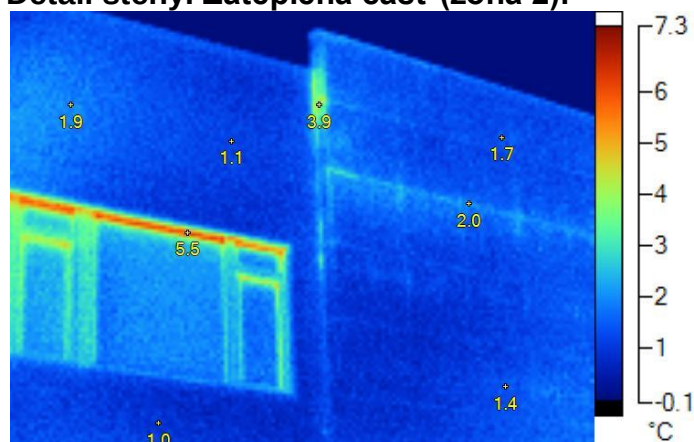
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	2.2°C
Image Range	0.6°C to 5.6°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:38:15 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	2.3°C	0.94	5.0°C
P1	2.1°C	0.94	5.0°C
P2	5.5°C	0.94	5.0°C
P3	2.3°C	0.94	5.0°C
P4	4.3°C	0.94	5.0°C
P5	3.4°C	0.94	5.0°C
P6	4.3°C	0.94	5.0°C
P7	5.0°C	0.94	5.0°C

Detail steny. Zateplená časť (zóna 2).



DSC05860.JPG

214.IS2

12/5/2009 8:39:16 AM

Snímok zobrazuje styk zateplenej steny s vonkajšou úpravou omietaním a obkladom. Teplejšie miesto P3 je pravdepodobne vnútorný kanalizačný odpad.

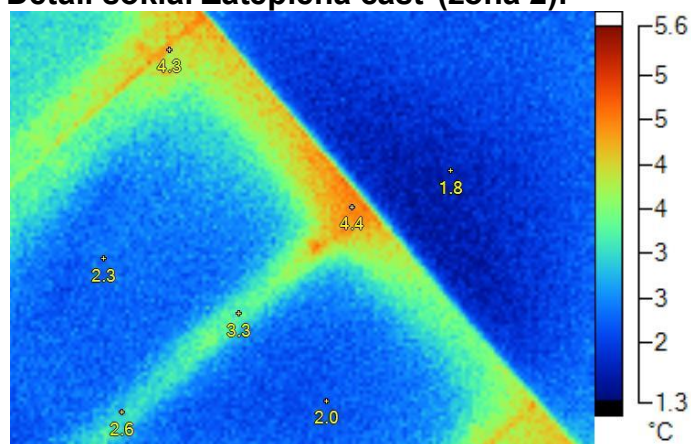
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	1.0°C
Image Range	-5.8°C to 6.3°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:39:16 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	1.9°C	0.94	5.0°C
P1	1.1°C	0.94	5.0°C
P2	1.0°C	0.94	5.0°C
P3	3.9°C	0.94	5.0°C
P4	2.0°C	0.94	5.0°C
P5	1.7°C	0.94	5.0°C
P6	1.4°C	0.94	5.0°C
P7	5.5°C	0.93	5.0°C

Detail sokla. Zateplená časť (zóna 2).



DSC05858.JPG

215.IS2

12/5/2009 8:40:00 AM

Viditeľné miesto ukončenia zateplenia a sokla, obloženého obkladovými doskami. Viditeľné sú aj špáry medzi obkladom.

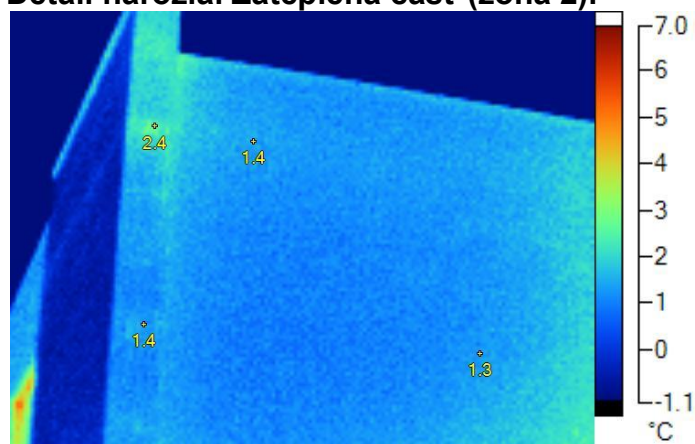
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	2.6°C
Image Range	1.3°C to 4.8°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:40:00 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	4.4°C	0.94	5.0°C
P1	2.3°C	0.94	5.0°C
P2	3.3°C	0.94	5.0°C
P3	1.8°C	0.94	5.0°C
P4	2.6°C	0.94	5.0°C
P5	2.0°C	0.94	5.0°C
P6	4.3°C	0.94	5.0°C

Detail nárožia. Zateplená časť (zóna 2).



216.IS2

12/5/2009 8:41:24 AM



DSC05861.JPG

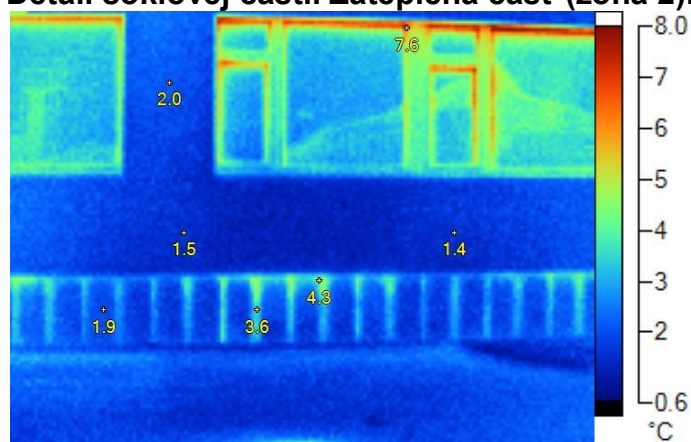
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	0.2°C
Image Range	-4.9°C to 5.1°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:41:24 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	2.4°C	0.94	5.0°C
P1	1.4°C	0.94	5.0°C
P2	1.4°C	0.94	5.0°C
P3	1.3°C	0.94	5.0°C

Detail soklovej časti. Zateplená časť (zóna 2).



DSC05858.JPG

217.IS2

12/5/2009 8:43:18 AM

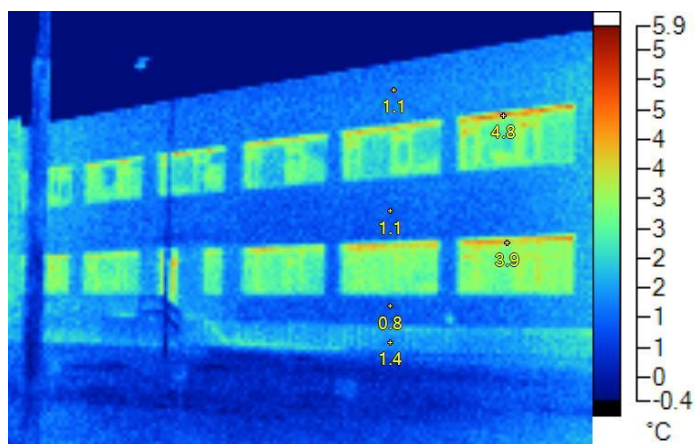
Viditeľný rozdiel medzi zateplenou stenou a soklom opatreným obkladom.

Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	2.5°C
Image Range	0.8°C to 8.1°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:43:18 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	2.0°C	0.94	5.0°C
P1	4.3°C	0.94	5.0°C
P2	3.6°C	0.94	5.0°C
P3	1.9°C	0.94	5.0°C
P4	1.5°C	0.94	5.0°C
P5	1.4°C	0.94	5.0°C
P6	7.6°C	0.93	5.0°C



DSC05867.JPG

218.IS2

12/5/2009 8:46:35 AM

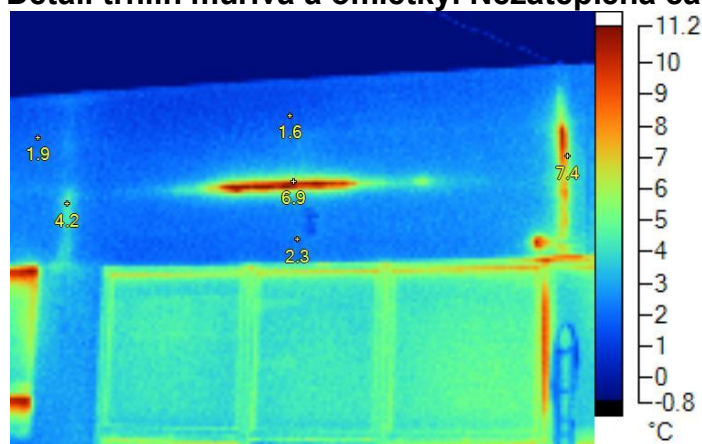
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	0.6°C
Image Range	-4.3°C to 4.8°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 8:46:35 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	1.1°C	0.94	5.0°C
P1	1.1°C	0.94	5.0°C
P2	0.8°C	0.94	5.0°C
P3	1.4°C	0.94	5.0°C
P4	4.8°C	0.93	5.0°C
P5	3.9°C	0.93	5.0°C

Detail trhlín muriva a omietky. Nezateplená časť (vrátnica).



DSC05890.JPG

301.IS2

12/5/2009 9:00:05 AM

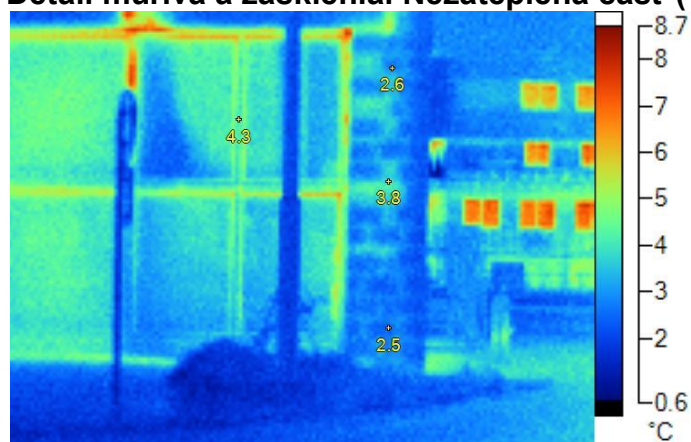
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	2.4°C
Image Range	-4.7°C to 12.2°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 9:00:05 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	6.9°C	0.94	5.0°C
P1	1.6°C	0.94	5.0°C
P2	7.4°C	0.94	5.0°C
P3	2.3°C	0.94	5.0°C
P4	4.2°C	0.94	5.0°C
P5	1.9°C	0.94	5.0°C

Detail muriva a zasklenia. Nezateplená časť (vrátnica).



DSC05890.JPG

302.IS2

12/5/2009 9:00:31 AM

Viditeľná zreteľná kresba muriva pod omietkou.

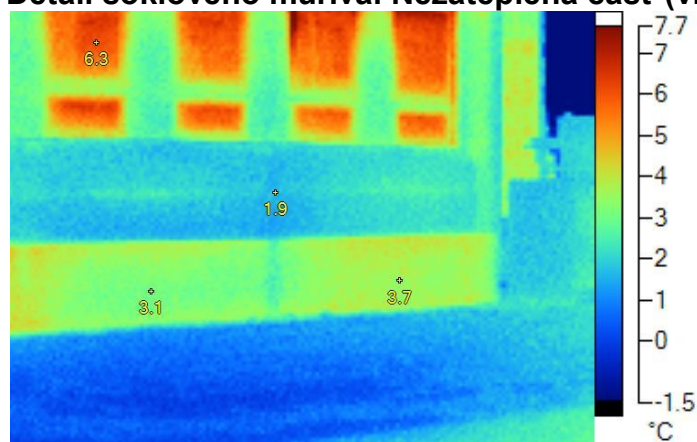
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	3.3°C
Image Range	0.8°C to 7.9°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 9:00:31 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	2.5°C	0.94	5.0°C
P1	3.8°C	0.94	5.0°C
P2	2.6°C	0.94	5.0°C
P3	4.3°C	0.93	5.0°C

Detail soklového muriva. Nezateplená část (vrátnice).



303.IS2

12/5/2009 9:02:16 AM



DSC05892.JPG

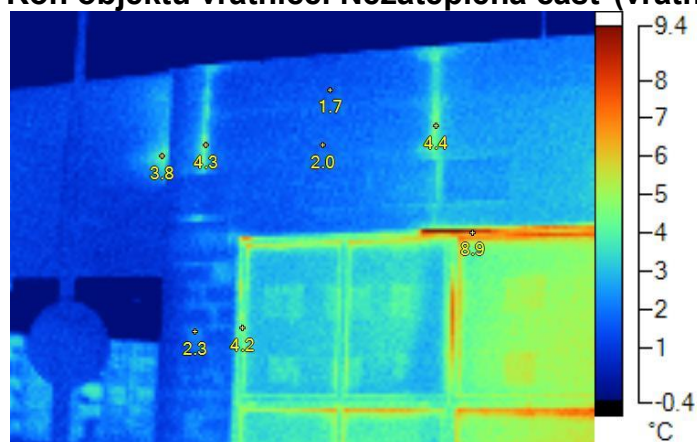
Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	2.4°C
Image Range	-3.2°C to 8.5°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 9:02:16 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	3.1°C	0.94	5.0°C
P1	3.7°C	0.94	5.0°C
P2	1.9°C	0.94	5.0°C
P3	6.3°C	0.92	5.0°C

Roh objektu vrátnice. Nezateplená část' (vrátnice).



DSC05891.JPG

304.IS2

12/5/2009 9:02:35 AM

Zreteľne je viditeľná kresba muriva a trhlín.

Image Info

Background Temperature	5.0°C
Emissivity	0.94
Average Temperature	1.8°C
Image Range	-5.6°C to 10.9°C
Manufacturer	Fluke
Lens Description	20mm
Image Time	12/5/2009 9:02:35 AM
Calibration Range	-25.0°C to 105.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
P0	2.0°C	0.94	5.0°C
P1	4.4°C	0.94	5.0°C
P2	3.8°C	0.94	5.0°C
P3	4.3°C	0.94	5.0°C
P4	8.9°C	0.93	5.0°C
P5	4.2°C	0.93	5.0°C
P6	1.7°C	0.94	5.0°C
P7	2.3°C	0.94	5.0°C